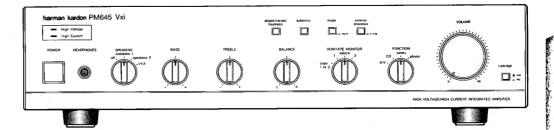
The Harman Kardon Model PM645 Vxi

Manual 120A

STEREO INTEGRATED AMPLIFIER

Technical Manual



The following marks found in the parts list of this manual identify the models as follows.

: North America area model

: North America area model Black version

: General model

: General model Black version

: Japan model

SPECIFICATIONS

	Nominal	Limit
RMS Output Power		
8Ω, 1kHz THD 0.1%	70.8W≥	60\\
4Ω, 1kHz THD 0.3%	70.0W ≦ 72.2W ≥	
High Instantaneous Current	, Z.ZVV <u>=</u>	0011
Capability (HCC)	40A ≥	. 35A
Half Power Bandwith		100kHz
Frequency Responce at -3dB	0.62Hz ~	
Input Sensitivity	0.02112	1038112
Tuner	135mV ±	25m\/
Phono(MM)		0.2mV*
Phono(MC)	2.201V ±	
Signal to Noise Ratio	120µ V ±	. 20μ ν
Tuner	80.7dB≥	754D
Phono(MM)	79.5dB≥	•
Phono(MC)	79.5dB ≥	-
Channel Separation at 10kHz	/0.506 ≥	/4ub
Tuner	ee4D >	EO4D
	66dB≥	
Phono(MM)	58dB ≥	
Phono(MC)	50dB ≥	
IM Distortion Ratio	0.048% ≤	
Damping Factor at 1kHz	60.3≧	50
Tone Control Characteristics		
Bass Turnover Frequency (20	JOHz/400F	IZ)
Bass at 50Hz/100Hz	40.00	
Boost	10dB ±	
Cut	10dB ±	
Treble Turnover Frequency (2kHz/6kHz)
Treble at 10kHz/30kHz		
Boost	10dB ±	
Cut	10dB ±	: 2dB

	Nominal	Limit
Filters		
Subsonic	15Hz, - 3dB ±	1dB/Octave
High Cut	$6kHz, -3dB \pm$	1dB/Octave
DC Output Voltage		
L channel	0mV ±	60mV
R channel	0mV ±	60mV
RIAA Equalization at Tape Out		
(20Hz/20kHz) (No load)	0.18dB + 1.0dB/0.	18dB – 0.2dB
Phono Over Load (No load)		
Phono (MM)	108mV <u>≥</u>	95mV
Phono (MC)	5,6mV ≥	5mV
Dimensions (W × H × D)	17-1/2" × 4-1/16	''×13-7/8''
	(443 × 103 × 3	351mm)
Weight	14 lbs. 5oz.	(6.5kg)
Power Supplies		
North America area model	AC 120V, 6	OHz
General model	AC 220/240	
Japan model	AC 100V, 5	0/60Hz
Power Consumption		
North America area model	248W (300\	/A)
General model	176W	
Japan model	340W	

 Input Sensitivity for General model are 2.3mV ±0.2mV (MM) and 145μV ±20μV (MC).

This specification is the target of servicing. But, there is a case that the specification is not applicable to the measurement condition and instrument.

Specifications and components subject to change without notice. Overall performance will be maintained or improved.

SIMPSON MODEL 229 ETC. FOR

LEAKAGE TEST (FOR SERVICE ENGINEERS IN THE U.S.A.)

Before returning the unit to the user, perform the following safety checks:

- Inspect all lead dress to make certain that leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the unit.
- Be sure that any protective devices such as nonmetallic control knobs, insulating fishpapers, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacity networks, mechanical insulators, etc. which were removed for servicing are properly reinstalled.
- Be sure that no shock hazard exists; check for leakage current using Simpson Model 229 Leakage Tester, standard equipment item No. 21641, RCA Model WT540A or use alternate method as follows: Plug the power cord directly into a 120-volt AC
 - receptacle (do not use an Isolation Transformer for this test). Using two clip leads, connect a 1500 Ohm, 10-watt resistor paralleled by a 0.15 μ F capacitor, in series with all exposed metal cabinet parts and a known earth ground, such as a water pipe or conduit. Use a VTVM or VOM with 1000 Ohms per volt, or higher sensitivity to measure the AC voltage drop across the resistor. (See Diagram.) Move the resistor connection to each exposed metal part having a return path to the chassis (antenna, metal, cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the

LEAKAGE TEST TO AC GROUND SUCH TO EACH EXPOSED AS WATER PIPE, BX CABLE, METAL SURFACE OF HIGH UNIT UNDER TEST CONDUIT, ETC. GROUND VOLTAGE LEAD OR + LEAD VTVM AC SCALE O 10W 0.15µF TEST PROBE TO EXPOSED CONNECT TO KNOWN

EARTH GROUND

resistor. (This test should be performed with the power switch in both the On and Off positions.)

A reading of 0.35 volt RMS or more is excessive and indicates a potential shock hazard which must be corrected before returning the unit to the owner.

DISASSEMBLY PROCEDURES (REFER TO PAGES 5 AND 16)

1 CABINET TOP (131) REMOVAL

Remove 6 screws (A) and then remove the Cabinet Top (131).

2 FRONT PANEL ASS'Y (AA) REMOVAL

- Remove the Cabinet Top (131), referring to the previous step 1.
- Remove 5 screw (B) and then remove the Front Panel Ass'y (AA).

3 BASS CONTROL P. C. BOARD (PCB-9) REMOVAL

- 1. Remove the Front Panel Ass'y (AA), referring to the previous step 2.
- Open the lid of connector (CN502) on the Main P. C. Board (PCB-1) and then disconnect the lead wires.
- Open the lid of connector (CN501) on the Function P. C. Board (PCB-8) and then disconnect the lead wires.
- Open the lid of connectors (CN503, CN504 and CN505) on the Bass Control P. C. Board (PCB-9) and then disconnect the lead wires.
- Remove 2 screws (C) and then remove the Bass Control P. C. Board (PCB-9).
 If necessary, unsolder the lead wire connected to the PCB-9

4 MAIN P. C. BOARD (PCB-1) REMOVAL

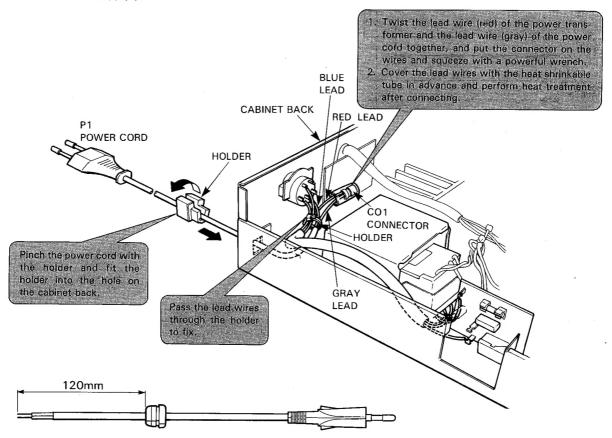
- 1. Remove the Bass Control P. C. Board (PCB-9), referring to the previous step 3.
- Open the lid of connectors (CN601 and CN803) on the Main P. C. Board (PCB-1) and then disconnect the lead wires.
- Open the lid of connector (CN109) on the Function P. C. Board (PCB-8) and then disconnect the lead wires.
- Remove a screw (D) and then remove the Q807 P. C. Board (PCB-12).
- Remove 4 screws (E) and 3 hexagon nuts (F) and then remove the Main P. C. Board (PCB-1).
 If necessary, unsolder the lead wires connected to the PCB-1.

5 FUNCTION P. C. BOARD (PCB-8) REMOVAL

- 1. Remove the Main P. C. Board (PCB-1), referring to the previous step 4.
- Open the lid of connector (CN801) on the Function P. C. Board (PCB-8) and then disconnect the lead wires.
- 3. Remove 3 screws (G) and then remove the Video P. C. Board (PCB-10).
- 4. Pull out the Shafts (215 and 216).
- Remove 11 screws (H) and then remove the Cabinet Back Ass'y (AB) with the Speakers P. C. Board (PCB-2).
- Remove 2 screws (I) and 2 hexagon nuts (J) and then remove the Function P. C. Board (PCB-8) with the Equalizer P. C. Board (PCB-11).

POWER CORD REPLACEMENT (FOR SERVICE ENGINEERS OTHER THAN NOTRH AMERICA)

In order to prevent fire or shock hazard when replacing the power cord, follow the procedure below to replace the parts with the standard supply parts.



ALIGNMENT PROCEDURES (REFER TO PAGES 7, 8 AND 15)

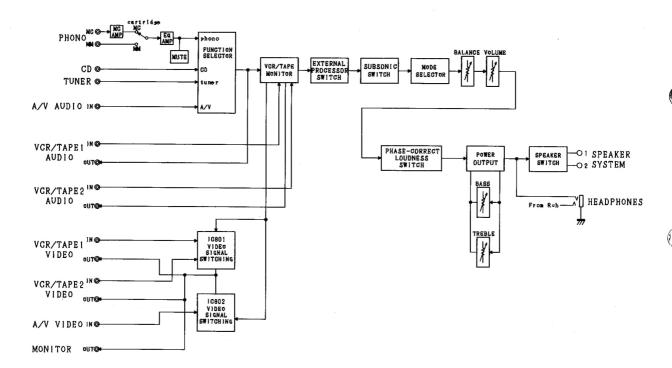
Conditions: • Set the Volume control to minimum.

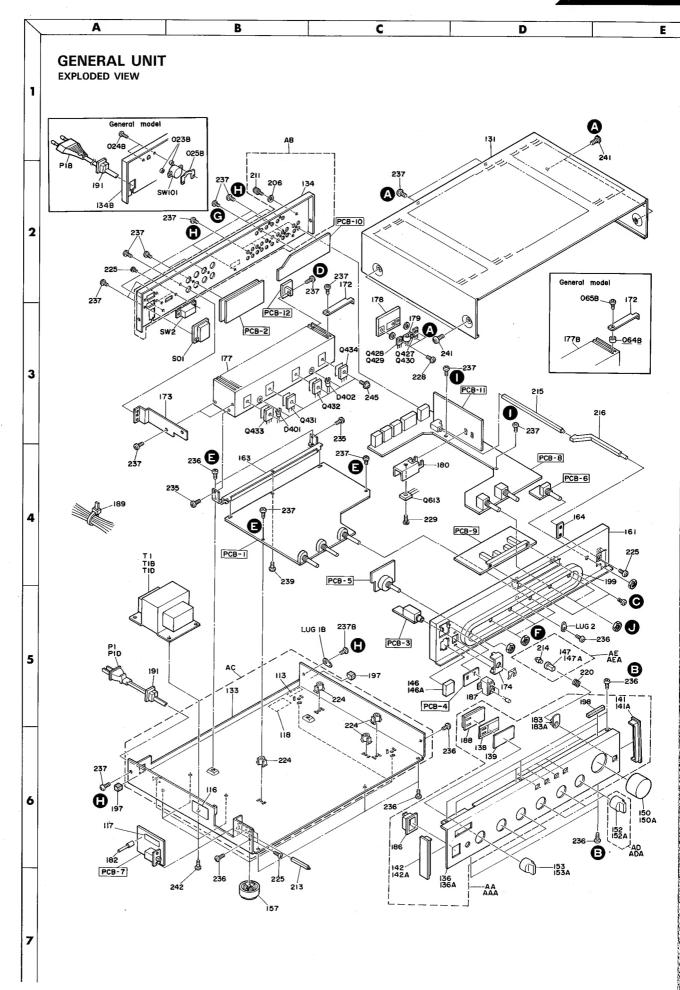
- Set the Speaker selector to "1+2" position.
- Set the Speaker Operating Mode switch to "8 Ω " position.
- Make the adjustment at a room temperature of 77°F (25°C).
- After the Power switch is pushed on, wait for 30 minutes before measuring to be sure of the most stable operation.

IDLING CURRENT ADJUSTMENT

Step	Connection Equipments	Adjustment	Tornell .
1	Connect the Digital Volt Meter to TP1 and TP2.	VR401 (L ch)	40mV ± 2mV
2.12	Connect the Digital Volt Meter to TP3 and TP4.	VR402 (R ch)	40mV ± 2mV

BLOCK DIAGRAM





PARTS LIST

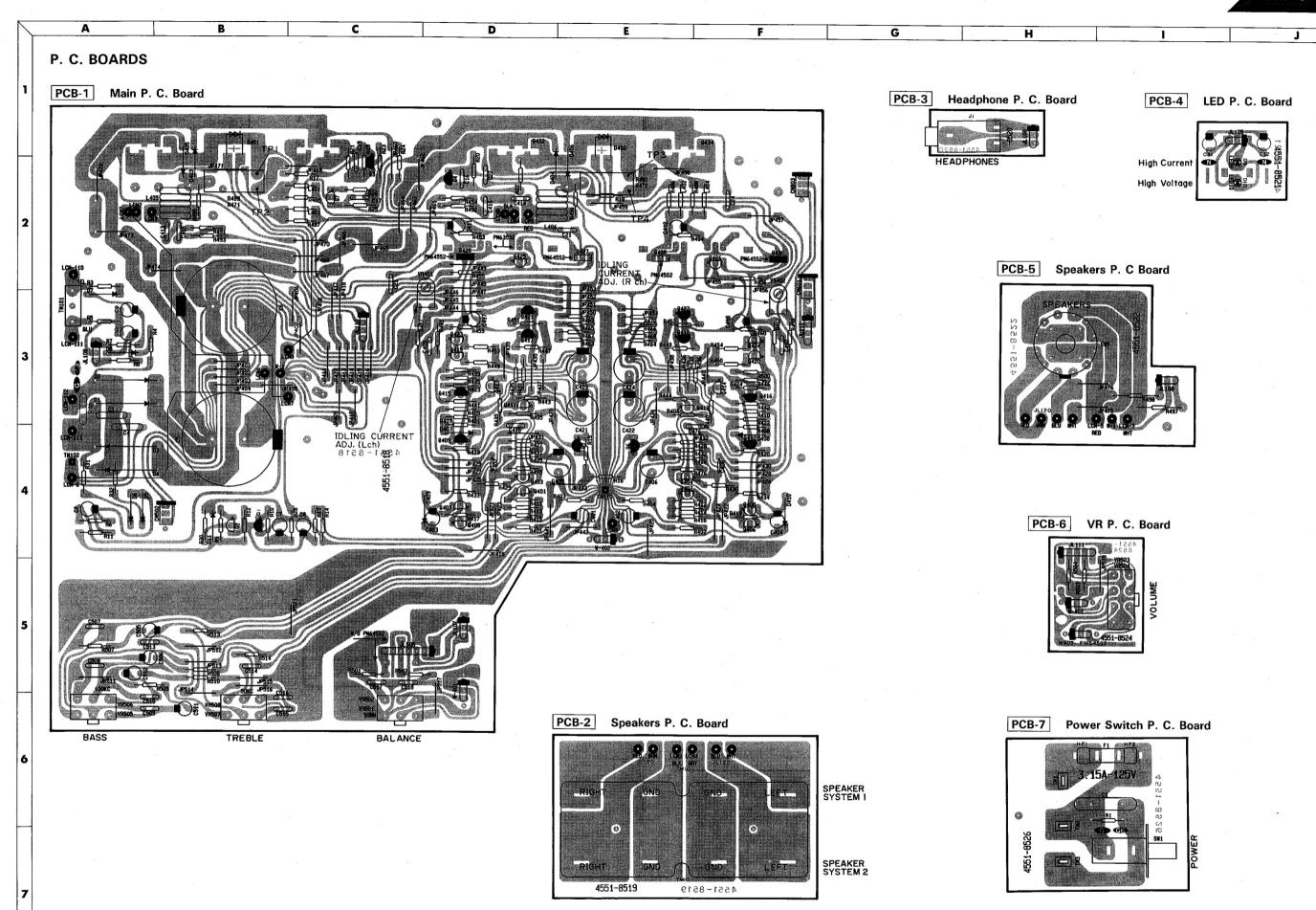
PAR	IS LIST	
Ref. No.	Part No.	Description
AA	A443-PM645S2A	FRONT PANEL ASS'Y UA G
AAA	A443-PM645S2B	FRONT PANEL ASS'Y (B) (B)
AB	A424-PM645S2A	CABINET BACK ASS'Y
AC	A424-PM645S2B	CABINET BOTTOM ASS'Y
AD ADA	A632-PM645S2A	ROTARY KNOB FUNCTION SWITCH ASS'Y UA G
ADA	A632-PM645S2B	ROTARY KNOB FUNCTION SWITCH ASS'Y
ΑE	A662-PM645S2A	PUSH BUTTON ASS'Y UA G
AEA	A662-PM645S2B	PUSH BUTTON ASS'Y BK GB N
023B	2132-7116	SPACER G GB
024B	2327-R0130124	SCREW, BND+ G GB
025B	2440-7017	NUT, SPE G GB N
053B 064B	4150-8	TUBING, SPE G GB
065B	2132-7120 2347-R0130162	SPACER G GB SCREW, BND T+. G GB
116	1756-05910	LABEL, FUSE CAUTION
131	1414-04901	CABINET TOP
133	1424-23201	CABINET BOTTOM
134	1424-23004	CABINET BACK WA BK
134B	1424-23006	CABINET BACK G GB
134D	1424-23005	CABINET BACK N
136 136A	1443-11303 1443-11304	FRONT PANEL UA G
138	1513-09501	FRONT PANEL (B) (GD (N) PANEL, PLATE
139	1531-11304	PANEL, WINDOW
141	1562-02801	FRAME, RIGHT UA G
141A	1562-02802	FRAME, RIGHT BK GB N
142	1562-02701	FRAME, LEFT UA G
142A 146	1562-02702	FRAME, LEFT (BK (B) N
146A	1660-00401 1660-00403	PUSH BUTTON, POWER TO THE PUSH BUTTON, POWER TO THE POWER
147	1662-05701VN	PUSH BUTTON, POWER BK GB N PUSH BUTTON UA G
147A	1662-05702	PUSH BUTTON BK GB N
150	1630-02601	ROTARY KNOB, VOLUME UA G
150A	1630-02603	ROTARY KNOB, VOLUME BK GB N
152 152A	1630-16502 1630-16501	ROTARY KNOB, FUCTION SWITCH UA G
153	1630-16502	ROTARY KNOB, FUCTION SWITCH (B) (B) (N) ROTARY KNOB (UA) (G)
153A	1630-16501	ROTARY KNOB BK GB N
157	1319-0139	LEG UA
161 163	2211-7295	CHASSIS
164	2219-8179 2219-8178	METAL FITTING, MAIN HEAT SINK METAL FITTING, SHAFT GUIDE
172	2219-8181	METAL FITTING, SHAPT GOIDE
173	2219-8182	METAL FITTING, MAIN HEAT SINK
174	2219-7879	METAL FITTING, H/P JACK
177	2222-7228	HEAT SINK, MAIN WA BK N
177B 178	2222-7233 2222-7214	HEAT SINK, MAIN G GB
179	2222-7214	HEAT SINK, DRIVER HEAT SINK, DRIVER MONO
081	2222-7230	HEAT SINK, EQ
182	2240-7320	HOLDER, POWER SWITCH
183	2240-7141	HOLDER UA G
183A 186	2240-7202 2240-7209	HOLDER BK GB N
187	2240-7205	HOLDER, POWER HOLDER, LED
188	2240-7316	HOLDER, PANEL
189	2240-7050	HOLDER, WIRING
190	2240-7176	HOLDER, FUSE
191. 197	2240-364	HOLDER, AC CORD
198	2112-11755 2112-11762	SPONGE, SIDE SPONGE, PANEL
199	2112-11784	SPONGE, CASSIS
206	2401-0376	WASHER, METAL
211	2310-7017	SCREW, SPE
213	2672-7018	LEVER, POWER SHAFT
214 215	2601-7077 2601-7170	SHAFT MC/MAA SMITCH
216	2601-7170	SHAFT, MC/MM SWITCH SHAFT, MC/MM BUTTON
220	2651-210189	SPRING, PUSH BUTTON
224	2360-7015	BOSS, SPE
225	2327-R0130064	SCREW, BND+
228 229	2327-R0130082 2327-R0130082	SCREW, BND+
235	2347-R0130062	SCREW, BND + SCREW, BND T+

Ref. No.	Part No.
236	2347-R0130062
237	2347-R0130084
239	2347-R0130102
241	2347-R0140064
242	2347-R0140082
245	2557-301029
ΔPI	4161-71151
ΔPIB	4161-7256
ΔPID	4161-71133
ΔTI	. 5584-S11
ΔTIB	5584-S12
ΔTID	5584-S13
∆ \$01	4474-156
LUGIB	4211-4
LUG2	4211-4
∆SW2	4421-0227230
∆SWI0I	4411-102729
Q427	5614-669A(C)
Q428	5614-669A(C)
Q429	5612-649A(C)
Q430	5612-649A(C)
Q431	5613-3182(0)or(R)
Q432	5613-3182(O)or(R)
Q433	5611-1265(O)or(R)
Q434	5611-1265(0)or(R)
Q613	5613-3422(Y)or(O)
D401	5641-MV12YM
D402	5641-MV12YM

SCREW, BND T+
SCREW, BND T+
SCREW, B SPW+
CORD W/PLUG UA BK
CORD W/PLUG GB
CORD W/PLUG
XFORMER, POWER UA BK
XFORMER, POWER G GB
XFORMER, POWER N
SOCKET, AC OUTLET
LUG G GB
LUG
SWITCH, SLIDE
SWITCH, ROTARY G GB
XISTOR, NPN A
XISTOR, NPN A
XISTOR, PNP A
XISTOR, PNP A
XISTOR, NPN R
XISTOR, NPN R
XISTOR, PNP R
XISTOR, PNP R
XISTOR, NPN R

Description

VARISTOR VARISTOR

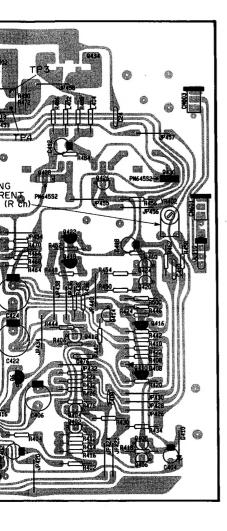


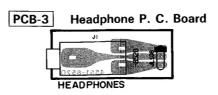
C D E Α P. C. BOARDS PCB-1 Main P. C. Board 2 3 5 PCB-2 Speakers P BALANCE BASS TREBLE 6 0

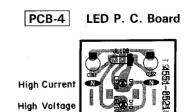
RIGHT

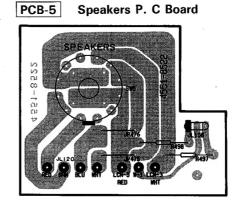
4551-8519

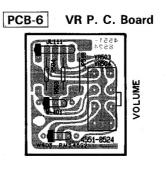
E F G H I J

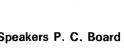


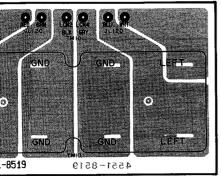




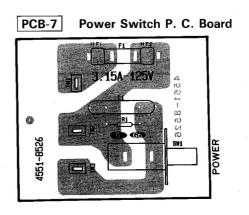


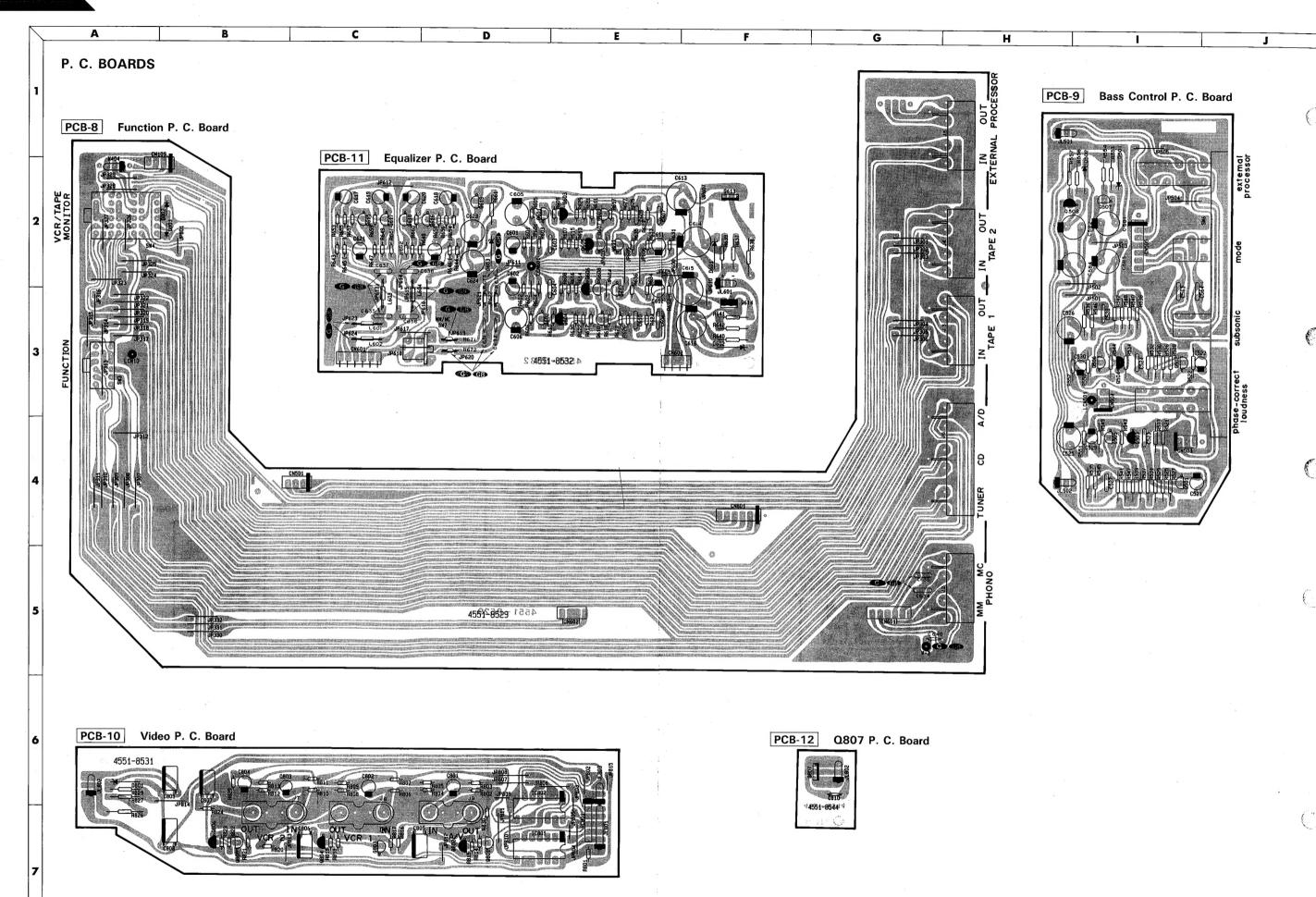


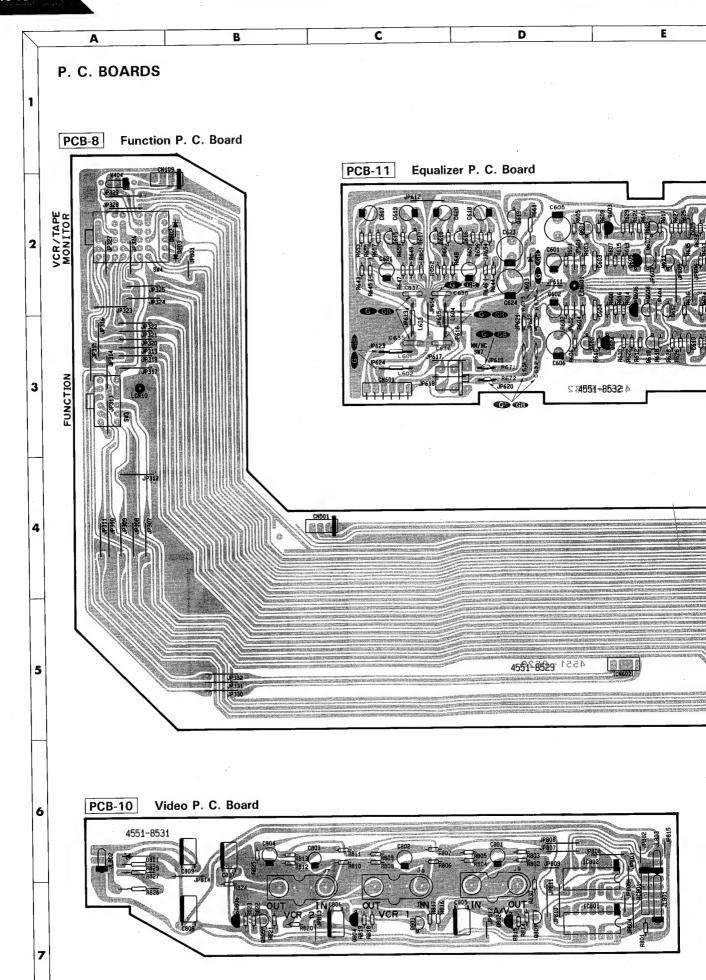




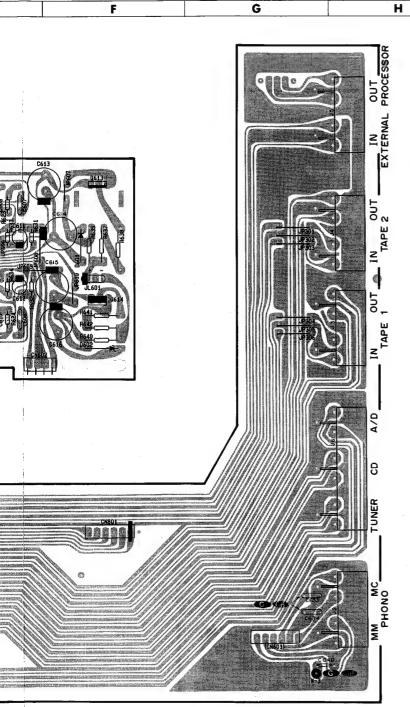
SPEAKER SYSTEM I SPEAKER SYSTEM 2



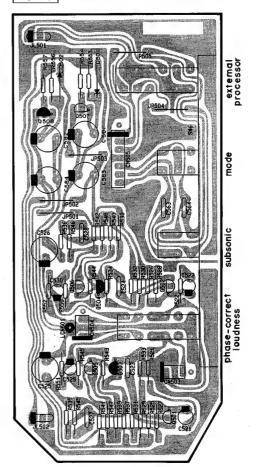








PCB-9 Bass Control P. C. Board



PCB-12 Q807 P. C. Board



ELECTRICAL PARTS LIST

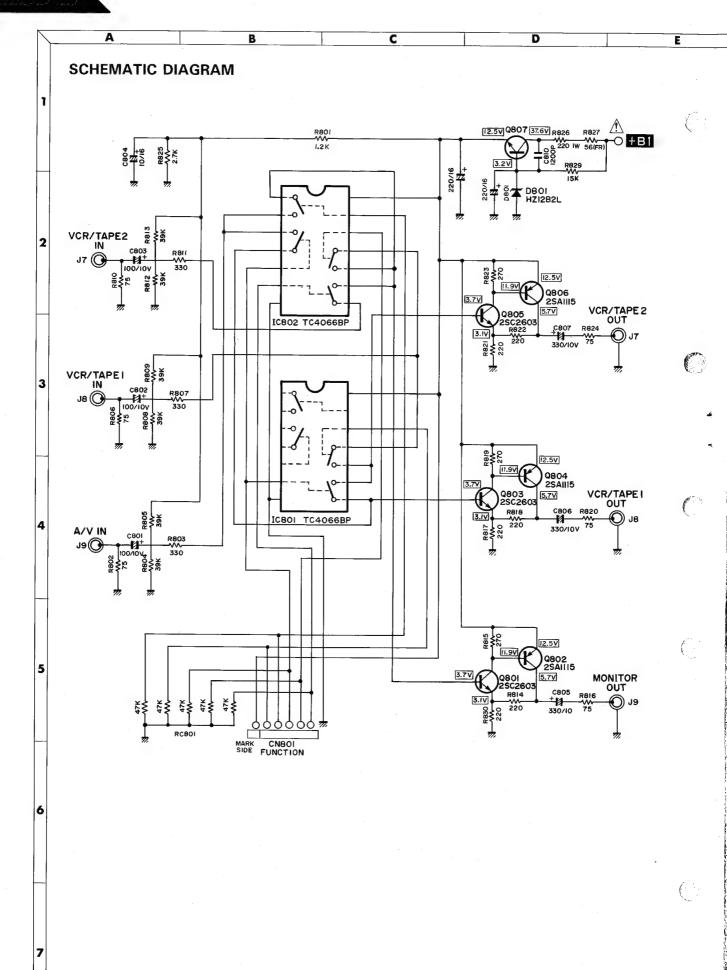
Ser. IV	lo. Ref. No	p. Part No.	Description	Ser.	No. Ref. N	o. Part No.	Description
	lar.	PCB-I MA	IN P.O.BOARD	672		5135-223522	RES, CBN I/2P 22K
				672		5135-223522	RES, CBN I/2P 22K
		CAPACITORS		674 674		5135-562522 5135-562522	RES, CBN 1/2P 5.6K
662	C2	5345-106F041	CAP, MINI ELE 10μ/50V	673		5135-122522	RES, CBN 1/2P 5.6K RES, CBN 1/2P 1.2K
689	C3	5362-103048	CAP, CER $.01\mu$	673		5135-122522	RES, CBN 1/2P 1.2K
689	C4	5362-103048	CAP, CER .01µ	674		5135-562522	RES, CBN 1/2P 5.6K
687	C5	5341-109G0355	CAP, ELE 10000μ/63V	674	R22	5135-562522	RES, CBN 1/2P 5.6K
687 660	C6 C7	5341-109G0355 5345-105F041	CAP, ELE 10000µ/63V	670	R23	5135-472522	RES, CBN 1/2P 4.7K
66 I	C8	5345-107B041	CAP, MINI ELE 1µ/50V CAP, MINI ELE 100µ/10V	670		5135-472522	RES, CBN 1/2P 4.7K
659	C9	5345-106C041	CAP, MINI ELE 10µ/16V	671		5135-473522	RES, CBN 1/2P 47K
659	CIO	5345-106C041	CAP, MINI ELE 10µ/16V	672 671		5135-223522	RES, CBN 1/2P 22K
663	C15	5354-683J1HM	CAP, MYL .068µ	668		5135-473522 5135-103522	RES, CBN 1/2P 47K
663	C16	5354-683J1HM	CAP, MYL $.068\mu$	667		5135-822522	RES, CBN 1/2P 10K RES, CBN 1/2P 8.2K
664	C17	5354-473J1HM	CAP, MYL .047μ	667		5135-822522	RES, CBN 1/2P 8.2K
665	C21	5354-104593	CAP, MYL .Iµ	603		5135-102522	RES, CBN 1/2P IK
665 665	C22	5354-104593	CAP, MYL .Iµ	603	R402	5135-102522	RES, CBN 1/2P IK
665	C23 C24	5354-104593 5354-104593	CAP, MYL .I µ	604	R403	5135-683522	RES, CBN I/2P 68K
057B	C35	5352-1041957	CAP, MYL .I μ CAP, MTL .I μ G GB	604		5135-683522	RES, CBN 1/2P 68K
581	C401	5345-476B0951	CAP, MINI ELE 47µ/10V	605		5135-122522	RES, CBN I/2P I.2K
581	C402	5345-476B0951	CAP, MINI ELE $47\mu/10V$	605		5135-122522	RES, CBN 1/2P 1.2K
583	C403	5345-106C041	CAP, MINI ELE 10µ/16V	605 605		5135-122522	RES, CBN 1/2P 1.2K
583	C404	5345-106C041	CAP, MINI ELE 10µ/16V	606	R408	5135-122522 5135-822522	RES, CBN 1/2P 1.2K
582	C405	5345-227A0951	CAP, MINI ELE $220\mu/6.3V$	606	R410	5135-822522	RES, CBN 1/2P 8.2K RES, CBN 1/2P 8.2K
582	C406	5345-227A0951	CAP, MINI ELE $220\mu/6.3V$	607	R411	5135-680522	RES, CBN 1/2P 68
592	C407	5353-020934	CAP, MCA 2p	607	R412	5135-680522	RES, CBN 1/2P 68
592 590	C408	5353-020934	CAP, MCA 2p	607	R413	5135-680522	RES, CBN 1/2P 68
590	C409 C410	5359-1015851 5359-1015851	CAP, PPP 100p	607	R414	5135-680522	RES, CBN 1/2P 68
583	C411	5345-106C041	CAP, PPP $100p$ CAP, MINI ELE $10\mu/16V$	623	R415	5135-222522	RES, CBN 1/2P 2.2K
583	C412	5345-106C041	CAP, MINI ELE 104/16V	623	R416	5135-222522	RES, CBN 1/2P 2.2K
595	C413	5354-683J1HM	CAP, MYL .068μ	609	R417	5135-561522	RES, CBN 1/2P 560
595	C414	5354-683J1HM	CAP, MYL .068µ	609 604	R418	5135-561522	RES, CBN 1/2P 560
95	C415	5354-683J1HM	CAP, MYL .068µ	604	R419 R420	5135-683522 5135-683522	RES, CBN 1/2P 68K
595	C416	5354-683JIHM	CAP, MYL .068μ	638	∆R421	5102-3314715	RES, CBN 1/2P 68K RES, FUSE 330
83	C417	5345-106C041	CAP, MINI ELE 10µ/16V	638	△R422	5102-3314715	RES, FUSE 330
583	C418	5345-106C041	CAP, MINI ELE 10µ/16V	638	△R423	5102-3314715	RES, FUSE 330
584 584	C421 C422	5345-337F041	CAP, MINI ELE 330µ/50V	638	 ∆R424	5102-3314715	RES, FUSE 330
84	C422	5345-337F041 5345-337F041	CAP, MINI ELE 330µ/50V	610	R425	5135-473522	RES, CBN 1/2P 47K
84	C424	5345-337F041	CAP, MINI ELE $330\mu/50V$ CAP, MINI ELE $330\mu/50V$	610	R426	5135-473522	RES, CBN 1/2P 47K
90	C475	5359-1015851	CAP, PPP 100p	610	R427	5135-473522	RES, CBN I/2P 47K
90	C476	5359-1015851	CAP, PPP 100p	610 611	R428 R429	5135-473522	RES, CBN 1/2P 47K
85	C505	5345-225F0951	CAP, MINI ELE 2.2µ/50V	611	R429	5135-224522 5135-224522	RES, CBN 1/2P 220K
85	C506	5345-225F0951	CAP, MINI ELE $2.2\mu/50V$	618	R431	5135-750522	RES, CBN 1/2P 220K RES, CBN 1/2P 75
96	C507	5354-563JTHM	CAP, MYL $.056\mu$	618	R432	5135-750522	RES, CBN 1/2P 75
96	C508	5354-563J1HM	CAP, MYL $.056\mu$	612	R433	5135-272522	RES, CBN 1/2P 2.7K
99 99	C509	5354-224593	CAP, MYL .22μ	612	R434	5135-272522	RES, CBN I/2P 2.7K
86	C510 C511	5354-224593 5345-106C0951	CAP, MYL .22µ	613	R435	5135-223522	RES, CBN 1/2P 22K
86	C512	5345-106C0951	CAP, MINI ELE 10μ/16V CAP, MINI ELE 10μ/16V	613	R436	5135-223522	RES, CBN 1/2P 22K
97	C513	5354-822J1HM	CAP, MYL 8200p	613	R437	5135-223522	RES, CBN I/2P 22K
97	C514	5354-822JIHM	CAP, MYL 8200p	613	R438	5135-223522	RES, CBN 1/2P 22K
98	C515	5354-393J1HM	CAP, MYL .039μ	624	R439	5135-153522	RES, CBN 1/2P 15K
98	C516	5354-393J1HM	CAP, MYL .039µ	624 614	R440 R441	5135-153522 5135-123522	RES, CBN 1/2P 15K
91	C517	5359-3315851	CAP, PPP 330p	614	R442	5135-123522	RES, CBN 1/2P 12K RES, CBN 1/2P 12K
91	C518	5359-3315851	CAP, PPP 330p	633	R443	5174-222381	RES, MTL 1/4P 2.2K
		RESISTORS		633	R444	5174-222381	RES, MTL 1/4P 2.2K
80 Z	∆R3	5102-2204715	RES, FUSE 22	633	R445	5174-222381	RES, MTL I/4P 2.2K
	∆R4	5102-2204715	RES, FUSE 22	633	R446	5174-222381	RES, MTL 1/4P 2.2K
	∆R5	5102-5R64715	RES, FUSE 5.6	636	∆R447	5102-1014715	RES, FUSE 100
68 77	R6	5135-103522	RES, CBN 1/2P 10K	636	∆R448	5102-1014715	RES, FUSE 100
77 7 7	R7 R8	5135-221522	RES, CBN 1/2P 220	636	△R449	5102-1014715	RES, FUSE 100
77 70	R9	5135-221522 5135-472522	RES, CBN 1/2P 220	636	△R450	5102-1014715	RES, FUSE 100
70	RIO	5135-472522	RES, CBN 1/2P 4.7K RES, CBN 1/2P 4.7K	636 636	△R451	5102-1014715	RES, FUSE 100
67	RII	5135-822522	RES, CBN 1/2P 8.2K	636	△R452 △R453	5102-1014715 5102-1014715	RES, FUSE 100
69	RI2	5135-104522	RES, CBN 1/2P 100K	636	ΔR453 ΔR454	5102-1014715	RES, FUSE 100 RES, FUSE 100
75	RI3	5135-683522	RES, CBN 1/2P 68K	615	R455	5135-821522	RES, CBN 1/2P 820
76	RI4	5135-333522	RES, CBN 1/2P 33K	615	R456	5135-821522	RES, CBN 1/2P 820

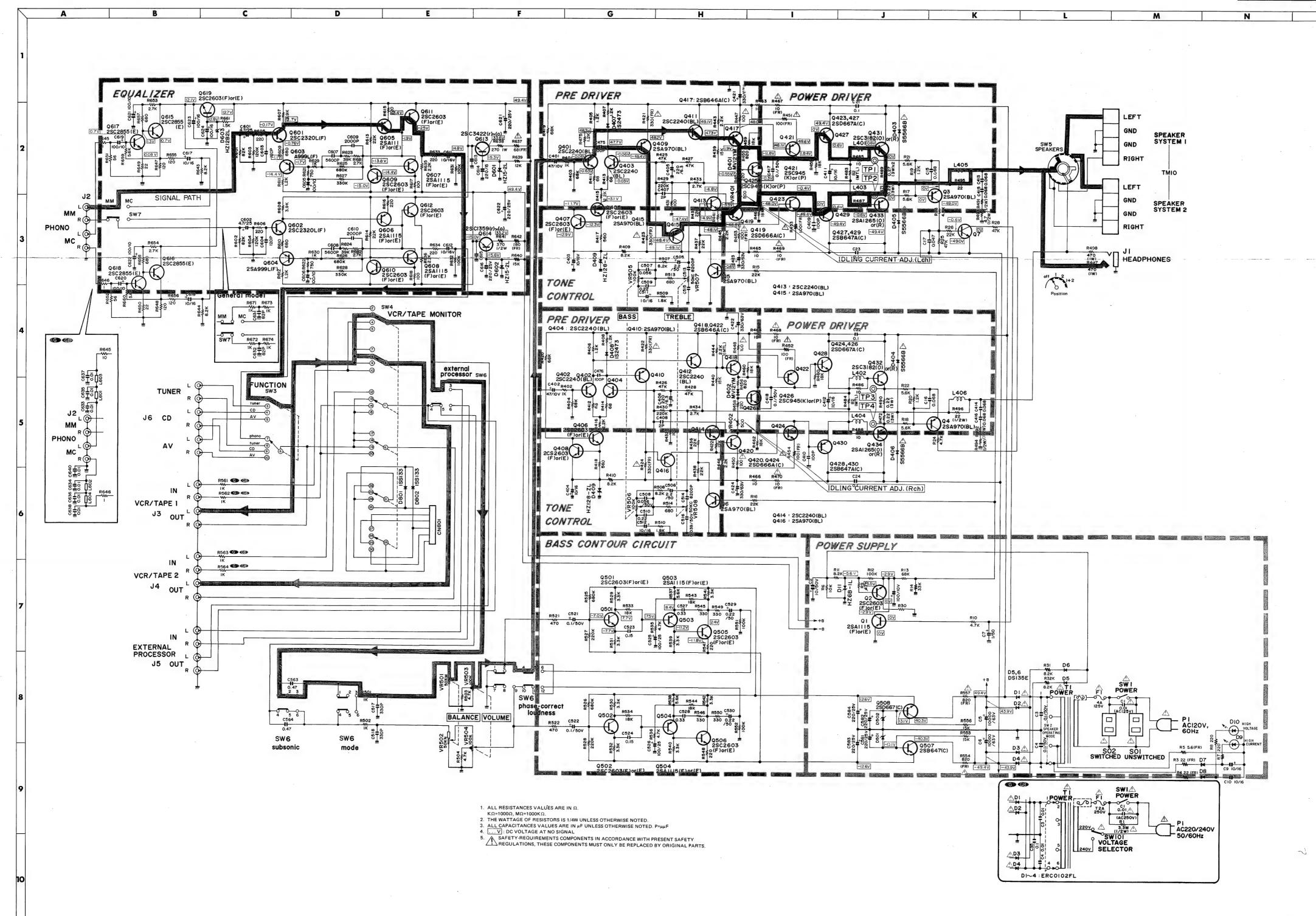
Ser.	No. Ref. No.	Part No.	Description	Ser. No	. Ref. No.	Part No.	Description
615	R458	5135-821522	RES, CBN 1/2P 820	566	Q425	5613-945(K)or(P)	XISTOR, NPN R
625	R459	5135-183522	RES, CBN 1/2P 18K	566	Q426	5613-945(K)or(P)	XISTOR, NPN R
625	R460	5135-183522	RES, CBN 1/2P 18K	567	Q427	5614-669A(C)	XISTOR, NPN A
625	R461	5135-183522	RES, CBN I/2P 18K	567	Q428	5614-669A(C)	XISTOR, NPN A
625	R462	5135-183522	RES, CBN 1/2P 18K	568	Q429	5612-649A(C)	XISTOR, PNP A
617	R463	5135-100522	RES, CBN 1/2P 10	568	Q430	5612-649A(C)	XISTOR, PNP A
617	R464	5135-100522	RES, CBN 1/2P 10	569	Q431	5613-3182(O)or(R)	XISTOR, NPN R
617	R465	5135-100522	RES, CBN 1/2P 10	569	Q432	5613-3182(O)or(R)	XISTOR, NPN R
617	R466	5135-100522	RES, CBN 1/2P 10	571	Q433	5611-1265(O)or(R)	XISTOR, PNP R
637	△R467	5102-1004715	RES, FUSE 10	571	Q434	5611-1265(O)or(R)	XISTOR, PNP R
637 637	∆R468 ∆R469	5102-1004715 5102-1004715	RES, FUSE 10			DIODES	
637	△R470	5102-1004715	RES, FUSE 10 RES, FUSE 10		ΦDI	5632-ERC102FL	DIODE, RECT
639	R471	5273-R27672	RES, CEM 3P .27		∆D2	5632-ERC102FL	DIODE, RECT
639	R472	5273-R27672	RES, CEM 3P .27		∆ D3	5632-ERC102FL	DIODE, RECT
605	R475	5135-122522	RES, CBN 1/2P 1.2K		∆D4	5632-ERC102FL	DIODE, RECT
605	R476	5135-122522	RES, CBN 1/2P 1.2K	656	D5	5636-182471	DIODE, SWITCH
616	R483	5135-820522	RES, CBN 1/2P 82	656	D6	5636-182471	DIODE, SWITCH
616	R484	5135-820522	RES, CBN 1/2P 82	656	D7	5636-182471	DIODE, SWITCH
617	R485	5135-100522	RES, CBN 1/2P 10	656 657	D8	5636-IS247	DIODE, SWITCH
617	R486	5135-100522	RES, CBN 1/2P 10	579	D11 D401	5635-HZ6B-IL	DIODE, ZENER
617	R487	5135-100522	RES, CBN 1/2P 10	579 579	D401	5641-MV12YM 5641-MV12YM	VARISTOR
617	R488	5135-100522	RES, CBN 1/2P 10	577	D402	5632-S5566B	VARISTOR
639	R489	5273-R27672	RES, CEM 3P .27	577	D403	5632-S5566B	DIODE, RECT DIODE, RECT
639	R490	5273-R27672	RES, CEM 3P .27	577	D405	5632-S5566B	DIODE, RECT
627	R491	5135-4R7522	RES, CBN 1/2P 4.7	577	D406	5632-S5566B	DIODE, RECT
627	R492	5135-4R7522	RES, CBN 1/2P 4.7	575	D407	5631-182473	DIODE, DET
627	R493	5135-4R7522	RES, CBN 1/2P 4.7	575	D408	5631-152473	DIODE, DET
627	R494	5135-4R7522	RES, CBN 1/2P 4.7	576	D409	5635-HZ12B2L	DIODE, ZENER
626	R495	5135-220522	RES, CBN 1/2P 22	576	D410	5635-HZ12B2L	DIODE, ZENER
626	R496	5135-220522	RES, CBN 1/2P 22			COILS	,
607	R499	5 35-680522	RES, CBN 1/2P 68	643	L401	5597-45502	CORE, BEADS
607	R500	5135-680522	RES, CBN 1/2P 68	643	L402	5597-45502	CORE, BEADS
619	R501	5135-152522	RES, CBN 1/2P 1.5K	643	L403	5597-45502	CORE, BEADS
619 620	R502	5135-152522	RES, CBN 1/2P 1.5K	643	L404	5597-45502	CORE, BEADS
620	R507 R508	5135-822522 5135-822522	RES, CBN 1/2P 8.2K	644	L405	5991-7165	SPRING COIL
621	R509	5135-822522	RES, CBN 1/2P 8.2K	644	L406	5991-7165	SPRING COIL
621	R510	5135-182522	RES, CBN 1/2P 1.8K RES, CBN 1/2P 1.8K			CONTROLS	
622	R513	5135-271522	RES, CBN 1/2P 270	641	VR401	5101-50171920	RES, SEMI FIX 500
622	R514	5135-271522	RES, CBN 1/2P 270	641	VR402	5101-50171920	RES, SEMI FIX 500
	,,,,,,		NEO, OBN 1721 270	720	VR501	5113-50399122	RES, V CBN 16 50K
652	01	TRANSISTORS	VICTOR PAID D	720	VR502	5113-50399122	RES, V CBN 16 50K
652 651	Q1	5611-1115(F)or(E)	XISTOR, PNP R	714	VR505	5113-10441122	RES, V CBN 16 100K
653	Q2 Q3	5613-2603(F)or(E) 5611-970(BL)	XISTOR, NPN R	714	VR506	5113-10441122	RES, V CBN 16 100K
653	04	5611-970(BL)	XISTOR, PNP R XISTOR, PNP R	717	VR507	5113-50342122	RES, V CBN 16 50K
653	•	5611-970(BL)	XISTOR, PNP R	717	VR508	5113-50342122	RES, V CBN 16 50K
653		5611-970(BL)	XISTOR, PNP R			MISCELLANEOUS	
654	_	5613-2240(BL)	XISTOR, NPN R	747	LCN2	4163-0140026	CONNECTOR W/W
561	_	5613-2240(BL)	XISTOR, NPN R	748	LCN3	4163-0140027	CONNECTOR W/W
561	_	5613-2240(BL)	XISTOR, NPN R	749	LCN4	4163-0140024	CONNECTOR W/W
561	-	5613-2240(BL)	XISTOR, NPN R	750	LCN5	4163-0140025	CONNECTOR W/W
561		5613-2240(BL)	XISTOR, NPN R	751	LCN6	4163-0116024	CONNECTOR W/W
562		5613-2603(F)or(E)	XISTOR, NPN R	751	LCN7	4163-0116024	CONNECTOR W/W
562	Q406	5613-2603(F)or(E)	XISTOR, NPN R	751	LCN8	4163-0116024	CONNECTOR W/W
562	Q407	5613-2603(F)or(E)	XISTOR, NPN R	753	LCN9	4163-0116020	CONNECTOR W/W
562	Q408	5613-2603(F)or(E)	XISTOR, NPN R	756	LCNIIO	4163-0125021	CONNECTOR W/W
563	Q409	5611-970(BL)	XISTOR, PNP R	757	LCNIII	4163-0125020	CONNECTOR W/W
563	Q410	5611-970(BL)	XISTOR, PNP R	758	LCN112	4163-0125022	CONNECTOR W/W
573	Q411	5613-2240(BL)	XISTOR, NPN R	759	LCN113	4163-0125023	CONNECTOR W/W
573	Q412	5613-2240(BL)	XISTOR, NPN R	699	CN502	4443-030185	CONNECTOR
573	Q413	5613-2240(BL)	XISTOR, NPN R	699	CN601	4443-030185	CONNECTOR
573		5613-2240(BL)	XISTOR, NPN R	699		4443-030185	CONNECTOR
563	-	5611-970(BL)	XISTOR, PNP R	764		4242-R0203600	JUMPER LEAD
563		5611-970(BL)	XISTOR, PNP R	763		4242-R0103201	JUMPER LEAD
564		5612-646A(C)	XISTOR, PNP A	762		4242-R0103201 4242-R0104181	JUMPER LEAD
564		5612-646A(C)	XISTOR, PNP A	766		4242-R0104181	JUMPER LEAD
565		5614-666A(C)	XISTOR, NPN A	694		4214-11023	TERMINAL
565		5614-666A(C)	XISTOR, NPN A	693		4214-11013	TERMINAL
564		5612-646A(C)	XISTOR, PNP A	646		4214-11013	TERMINAL
564		5612-646A(C)	XISTOR, PNP A				
565 565		5614-666A(C)	XISTOR, NPN A				
565	Q424	5614-666A(C)	XISTOR, NPN A				

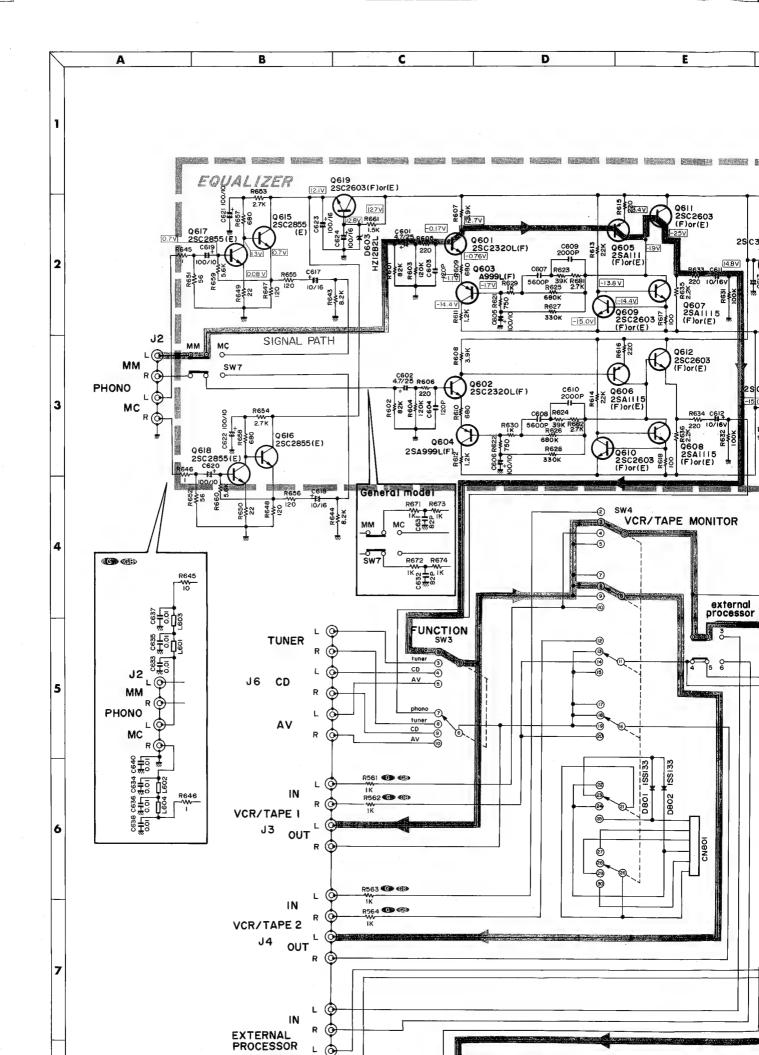
Ser. No. Ref.	No. Part No.	Description	Ser. N	lo. Ref. No.	Part No.	Description
	PCB-2 SPE	AKERS P.C.BOARD	738D		4484-50	PIN JACK, 4P N
			738 738D	J4 J4	4484-46 4484-50	PIN JACK, 4P WA BIN GO G
743 TM	10 4214-156	TERMINAL	738	J5	4484-46	PIN JACK, 4P N BK G G
			738D		4484-50	PIN JACK, 4P
	DCP TUCK		739	J6	4486-15	PIN JACK, 6P UA BK G GE
	PCB-3 REAL	PHONE P.C. BOARD	739D	J6	4486-18	PIN JACK, 6P
736 JI	4451-00159	JACK, IP	755	LCNIO	4163-0108020	CONNECTOR W/W
761 JLI		JUMPER LEAD	700	CN109	4443-030185	CONNECTOR
701 321	20 4242-043003	SOMPER LEAD	700	CN501	4443-030 85	CONNECTOR
		· · · · · · · · · · · · · · · · · · ·	701	CN801	4443-060185	CONNECTOR
	PCB-4	ED P.C.BOARD	723	SW3	4411-00203104	SWITCH, ROTARY
CONTRACTOR AND CONTRACTOR	CAPACITORS		726	SW4	4411-00205304	SWITCH, ROTARY
051D C31		CAP, MINI ELE 10μ/16V N	Market Park Transport			
051D C32		CAP, MINI ELE 104/16V N			PCB-9 BASS C	ONTROL P.C.BOARD
	DIODES	100,000				
741 D9	5637-SLP965B5	LED			CAPACITORS	
741 DIG		LED	806	C521	5345-104F0951	CAP, MINI ELE . I µ/50V
			806	C522	5345-104F0951	CAP, MINI ELE $.1\mu/50V$
	+ + · · · • · · • · · · · · · · · · · ·		810	C523	5354-154593	CAP, MYL .15μ
	PGB-5 SPEAKE	R SWITCH P.C.BOARD	018	C524	5354-154593	CAP, MYL .15µ
NAME OF THE OWNER, OF THE OWNER,	DECUTADO		808 808	C525 C526	5345-107D041	CAP, MINI ELE 100 \(\mu/25\)
i34 R49	RESISTORS 7 5171-471571	DEC MTI I 470	811	C526 C527	5345-107D041 5354-334593	CAP, MINI ELE 100μ/25V CAP, MYL .33μ
534 R49		RES, MTL 470 RES, MTL 470	811	C527	5354-334593	CAP, MYL $.33\mu$ CAP, MYL $.33\mu$
1143			807	C529	5345-224F0951	CAP, MITE .33 μ CAP, MINI ELE .22 μ /50V
7CE	MISCELLANEO		807	C530	5345-224F0951	CAP, MINI ELE .22µ/50V
765 JL1		JUMPER LEAD	812	C563	5354-474593	CAP, MYL .47µ
29 SW	5 4411-00301104	SWITCH, ROTARY	812	C564	5354-474593	CAP, MYL .47μ
			809	C581	5345-227D041	CAP, MINI ELE 220µ/25V
	DCB.6	VR P.C.BOARD	809	C582	5345-227D041	CAP, MINI ELE 220µ/25V
		V. F.O.BOAND	809	C583	5345-227D041	CAP, MINI ELE $220\mu/25V$
	RESISTORS		809	C584	5345-227D041	CAP, MINI ELE 220μ/25V
S29 R50	3 5135-472522	RES, CBN 1/2P 4.7K			RESISTORS	
529 R50	4 5135-472522	RES, CBN 1/2P 4.7K	814	R521	5135-471522	RES, CBN 1/2P 470
	CONTROLS		814	R522	5135-471522	RES, CBN 1/2P 470
'II VR5	03 5113-10419122	RES, V CBN 16 100K	815 815	R525 R526	5135-684522	RES, CBN 1/2P 680K
'II VR5	04 5113-10419122	RES, V CBN 16 100K	816	R527	5135-684522 -5135-224522	RES, CBN 1/2P 680K RES, CBN 1/2P 220K
			816	R528	5135-224522	RES, CBN 1/2P 220K
	DOD 7 DOWER	"我说是我们的一个人。" 第二章	817	R529	5135-332522	RES, CBN 1/2P 3.3K
1100ng	PCB-7 POWE	SWITCH P.C.BOARD	817	R530	5135-332522	RES, CBN 1/2P 3.3K
	CAPACITORS	THE RESIDENCE TO A SECURE OF THE RESIDENCE OF THE CONTRACT OF THE RESIDENCE TO A PERSON.	817	R531	5135-332522	RES, CBN 1/2P 3.3K
588 ∆CI	5361-1030419	CAP, CER .01μ UA · BK	817	R532	5135-332522	RES, CBN 1/2P 3.3K
88B ∆CI	5352-1030958	CAP, MTL .01µ 6 GB	818	R533	5135-183522	RES, CBN 1/2P 18K
88D ∆CI	5352-1030961	CAP, MTL .01µ N	818	R534	5135-183522	RES, CBN 1/2P 18K
	RESISTORS		819	R535	5135-472522	RES, CBN 1/2P 4.7K
54B ∆RI	5135-335522	RES, CBN 1/2P 3.3M G GB	819 820	R536	5135-472522	RES, CBN 1/2P 4.7K
	MISCELLANEOU		820 820	R537 R538	5135-562522 5135-562522	RES, CBN 1/2P 5.6K RES, CBN 1/2P 5.6K
84 ∆HFI		HOLDER, FUSE	817	R539	5135-332522	RES, CBN 1/2P 5.6K RES, CBN 1/2P 3.3K
84 AHF2		HOLDER, FUSE	817	R540	5135-332522	RES, CBN 1/2P 3.3K
32 ∆\$WI			817	R541	5135-332522	RES, CBN 1/2P 3.3K
		SWITCH, PUSH	817	R542	5135-332522	RES, CBN 1/2P 3.3K
96 TM		TERMINAL	818	R543	5135-183522	RES, CBN 1/2P 18K
96 TM2 96 TM3		TERMINAL:	818	R544	5135-183522	RES, CBN 1/2P 18K
SO TIVIS	4214-122	TERMINAL	821	R545	5135-331522	RES, CBN I/2P 330
		TO STATE STATE STATE AND THE PROPERTY OF THE STATE STA	821	R546	5135-331522	RES, CBN 1/2P 330
	PCB-8 FUN	CTION P.C.BOARD	823	R547	5135-221522	RES, CBN 1/2P 220
5 1 1 1 1 1 1 1	and the second of the second o		823	R548	5135-221522	RES, CBN 1/2P 220
	CAPACITORS		128 128	R549 R550	5135-331522 5135-331522	RES, CBN 1/2P 330
59B C63		CAP, PPP 120p G GB	822	R551	5135-331522 5135-104522	RES, CBN 1/2P 330 RES, CBN 1/2P 100K
59B C63		CAP, PPP 120p G GB	822	R552	5135-104522	RES, CBN 1/2P 100K - RES, CBN 1/2P 100K
58B C64		CAP, CER $.01\mu$ G GB	828	R553	5135-153522	RES, CBN 1/2P 15K
	DIODES			△R554	5102-8214715	RES, FUSE 820
38 D80		DIODE, DET	828	R556	5135-153522	RES, CBN 1/2P 15K
38 D80		DIODE, DET		∆R557	5102-8214715	RES, FUSE 820
	MISCELLANEOU				TRANSISTORS	
37 J2	4484-46	PIN JACK, 4P UA BK G GE	▶ 801	Q501	5613-2603(F)or(E)	XISTOR, NPN R
37D J2	4484-49	PIN JACK, 4P N	801	Q502	5613-2603(F)or(E)	XISTOR, NPN R
38 J3	4484-46	PIN JACK, 4P UA BK 6 GE				

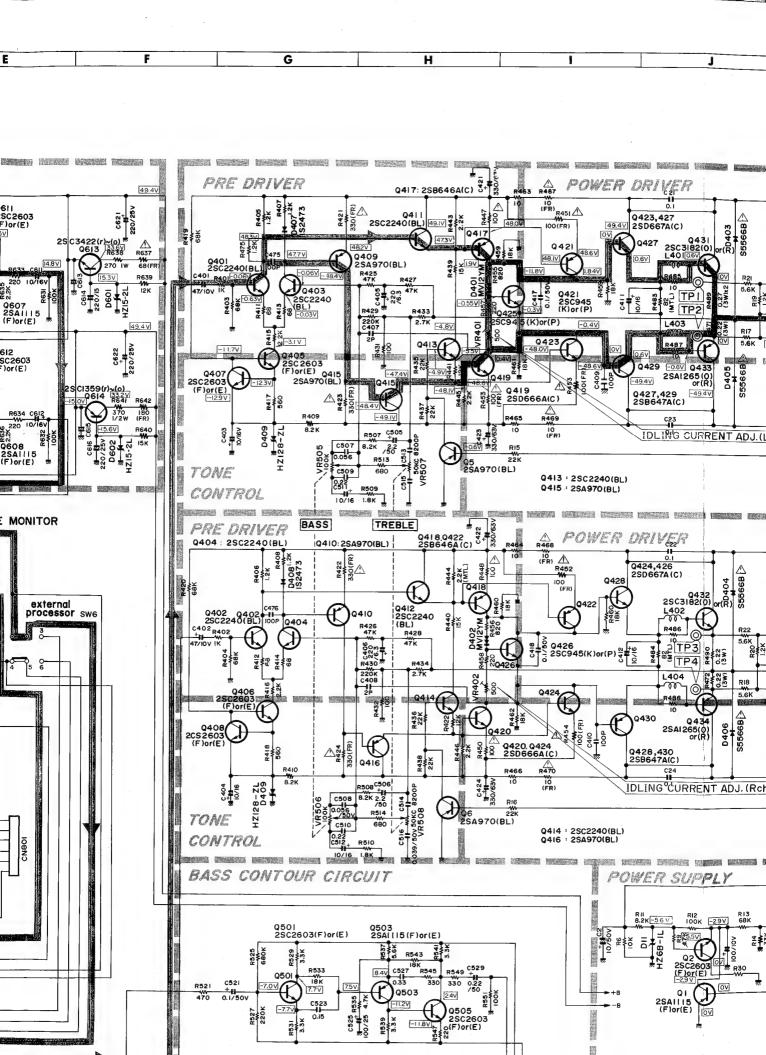
	r. No. Ref. No.	Part No.	Description	Ser. No.	Ref. No.	Part No.	Description
80	-	5611-1115(F)or(E)	XISTOR, PNP R			DIODE	
80	-	5611-1115(F)or(E)	XISTOR, PNP R	837	D801	5635-HZ12B2L	DIODE, ZENER
80	-	5613-2603(F)or(E)	XISTOR, NPN R			MISCELLANEOUS	
80 80	-	5613-2603(F)or(E)	XISTOR, NPN R	740	J7	4489-00101002	PIN JACK, MLT UA BK G G
80	•	5612-647(C)	XISTOR, PNP A	740D	J7	4489-00102002	PIN JACK, MLT
00	3 Q508	5614-667(C)	XISTOR, NPN A	740	J8	4489-00101002	PIN JACK, MLT UA 8K G G
		DIODES		740D	J8	4489-00102002	PIN JACK, MLT
80		5635-HZ12B2L	DIODE, ZENER	740	J9	4489-00101002	PIN JACK, MLT UA BK G G
80	5 D502	5635-HZ12B2L	DIODE, ZENER	740D	J9	4489-00102002	PIN JACK, MLT
		MISCELLANEOUS		770	JL801	4242-R0206141	JUMPER LEAD
75	4 LCN501	4163-0116020	CONNECTOR W/W	768	JL802	4242-R0103221	JUMPER LEAD
70	2 CN503	4443-030185	CONNECTOR	769	JL803	4242-R0203181	JUMPER LEAD
70	2 CN504	4443-030185	CONNECTOR	845	RC801	5212-473J0501	R COMPOSITE
70	3 CN505	4443-070185	CONNECTOR				
76	7 JL501	4242-R0203800	JUMPER LEAD	: F	Product Server		
76		4242-R0203800	JUMPER LEAD		Na Develop	PCB-III EQUAL	IZER P.C.BOARD
73		4431-04127170	SWITCH, PUSH	This is the			and a complete the state of the
,,	340	4431-04127170	SWITCH, FUSH			CAPACITORS	
1915	HI-12127-1510	7 12 47 1 14 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7		509	C601	5345-336C0951	CAP, MINI ELE $33\mu/16V$
	Alan Alan	PCB-10 VIDE	O P.C.BOARD	509	C602	5345-336C0951	CAP, MINI ELE $33\mu/16V$
	######################################	vicinal decord of many inflormations profes		513	C603	5359-1215851	CAP, PPP 120p
		CAPACITORS		513	C604	5359-1215851	CAP, PPP 120p
84	2 C801	5345-107B041	CAP, MINI ELE 100µ/10V	510	C605	5345-107B0951	CAP, MINI ELE 100μ/10V
84	2 C802	5345-107B041	CAP, MINI ELE 100µ/10V	510	C606	5345-107B0951	CAP, MINI ELE 100µ/10V
84	2 C803	5345-107B041	CAP, MINI ELE 100µ/10V	514	C607	5359-5625851	CAP, PPP 5600p
84	3 C804	5345-106C041	CAP, MINI ELE 10µ/16V	514	C608	5359-5625851	CAP, PPP 5600p
84		5345-337B041	CAP, MINI ELE 330µ/10V	515	C609	5359-2025851	CAP, PPP 2000p
84	0 C806	5345-337B041	CAP, MINI ELE 330µ/10V	515	C610	5359-2025851	CAP, PPP 2000p
84		5345-337B041	CAP, MINI ELE $330\mu/10V$	511	C611	5345-106C0951	CAP, MINI ELE $10\mu/16V$
84	I C808	5345-227C041	CAP, MINI ELE 220µ/16V	511	C612	5345-106C0951	CAP, MINI ELE 10µ/16V
84	I C809	5345-227C041	CAP, MINI ELE $220\mu/16V$	5 2	C613	5345-227D041	CAP, MINI ELE 220μ/25V
		RESISTORS	•	512	C614	5345-227D041	CAP, MINI ELE 220µ/25V
84	7 R801	5232-122J16P	RES, CBN 1/6P 1.2K	512	C615	5345-227D041	CAP, MINI ELE 220μ/25V
84		5232-750J16P	RES, CBN 1/6P 75	512	C616	5345-227D041	CAP, MINI ELE 220µ/25V
84		5232-331J16P	RES, CBN 1/6P 330	546	C617	5345-106C0951	CAP, MINI ELE 10µ/16V
85		5232-393J16P	RES, CBN 1/6P 39K	546	C618	5345-106C0951	CAP, MINI ELE 10μ/16V
85		5232-393J16P	RES, CBN 1/6P 39K	547	C619	5345-107B0951	CAP, MINI ELE 100μ/10V
84		5232-750J16P	RES, CBN 1/6P 75	547	C620	5345-107B0951	CAP, MINI ELE 100μ/10V
84		5232-331J16P	RES, CBN 1/6P 330	547	C621	5345-107B0951	CAP, MINI ELE 100μ/10V
85		5232-393J16P	RES, CBN 1/6P 39K	547	C622	5345-107B0951	CAP, MINI ELE 100μ/10V
85		5232-393J16P	RES, CBN 1/6P 39K	548	C623	5345-107C041	CAP, MINI ELE 100μ/16V
84		5232-750J16P	RES, CBN 1/6P 75	548	C624	5345-107C041	CAP, MINI ELE 100µ/16V
84		5232-331J16P	RES, CBN 1/6P 330	056B 056B	C631 C632	5353-820534	CAP, MCA 82p G GB
85		5232-393J16P	RES, CBN I/6P 39K	060B	C635	5353-820534 5359-1025851	CAP, MCA 82p G GB CAP, PPP 1000p G GB
85	0 R813	5232-393J16P	RES, CBN I/6P 39K	060B	C636	5359-1025851	
85		5232-221J16P	RES, CBN 1/6P 220	061B	C637	5354-473593	CAP, PPP 1000p G GB
85	2 R815	5232-271J16P	RES, CBN I/6P 270	061B	C638	5354-473593	CAP, MYL $.047\mu$ G GB CAP, MYL $.047\mu$ G GB
84	8 R816	5232-750J16P	RES, CBN 1/6P 75	0018	0030		CAP, MYL .047μ G GB
85	I R817	5232-221J16P	RES, CBN 1/6P 220		Door	RESISTORS	
85	I R818	5232-221J16P	RES, CBN 1/6P 220	517	R601	5232-823J16P	RES, CBN I/6P 82K
85	2 R819	5232-271J16P	RES, CBN 1/6P 270	517 518	R602	5232-823J16P	RES, CBN I/6P 82K
84	8 R820	5232-750J16P	RES, CBN 1/6P 75		R603	5232-124J16P	RES, CBN 1/6P 120K
85	I R821	5232-221J16P	RES, CBN 1/6P 220	518	R604	5232-124J16P	RES, CBN 1/6P 120K
85	I R822	5232-221J16P	RES, CBN 1/6P. 220	519 519	R605 R606	5232-221J16P	RES, CBN 1/6P 220
85	2 R823	5232-271J16P	RES, CBN I/6P 270	520	R607	5232-221J16P	RES, CBN 1/6P 220
84	8 R824	5232-750J16P	RES, CBN I/6P 75	520	R608	5232-392JI6P	RES, CBN 1/6P 3.9K
85	3 R825	5232-272J16P	RES, CBN I/6P 2.7K	521	R609	5232-392J16P 5232-681J16P	RES, CBN I/6P 3.9K
85	6 R826	5171-S010J221	RES, MTL I 220	521	R610		RES, CBN 1/6P 680
858		5102-5604715	RES, FUSE 56	522		5232-681J16P	RES, CBN 1/6P 680
85		5135-153522	RES, CBN 1/2P 15K	522	R611 R612	5232-122J16P 5232-122J16P	RES, CBN 1/6P 1.2K
85	R830	5232-221J16P	RES, CBN 1/6P 220	523	R613	5232-122316P 5232-223J16P	RES, CBN 1/6P 1.2K RES, CBN 1/6P 22K
		INTEGRATED CIRCL	JITS	523	R614	5232-223J16P 5232-223J16P	RES, CBN 1/6P 22K
83	I IC801	5654-TC4066BP	IC, DIGITAL	519	R615	5232-221J16P	RES, CBN 1/6P 220
83	I IC802	5654-TC4066BP	IC, DIGITAL	519	R616	5232-221J16P	RES, CBN 1/6P 220
		TRANSISTORS		524	R617	5232-101J16P	RES, CBN 1/6P 220
833	3 Q801	5613-2603(F)or(E)	XISTOR, NPN R	524	R618	5232-101J16P	RES, CBN 1/6P 100
83	-	5611-1115(F)or(E)	XISTOR, PNP R	525	R621	5232-751J16P	RES, CBN 1/6P 750
83	-	5613-2603(F)or(E)	XISTOR, NPN R	525	R622	5232-751J16P	RES, CBN 1/6P 750
83	-	5611-1115(F)or(E)	XISTOR, PNP R	526	R623	5232-393J16P	RES, CBN 1/6P 39K
83:	_	5613-2603(F)or(E)	XISTOR, NPN R	526	R624	5232-393J16P	RES, CBN 1/6P 39K
839	-	5611-1115(F)or(E)	XISTOR, PNP R	527	R625	5232-684J16P	RES, CBN 1/6P 680K

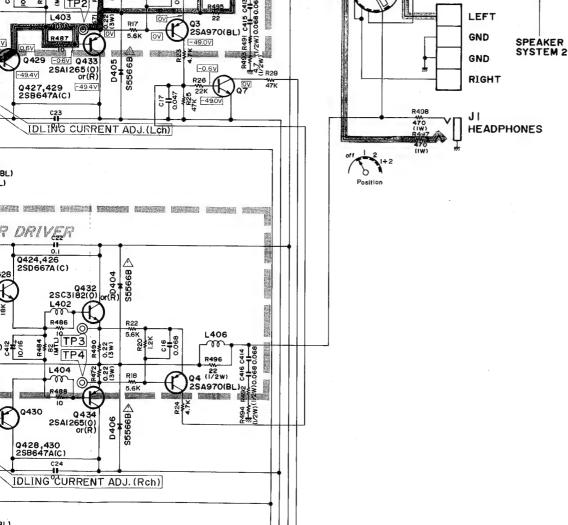
527	Ref. No.		Description			Ser. No. Ref.		Description
528	R626 R627	5232-684J16P		680K		750	MISCELLANEOU	
528	R628	5232-334J16P 5232-334J16P		330K		752 LCN	601 4163-0130020	CONNECTOR W/W
529	R629	5232-102J16P		330K		705 CN6	02 4443-047175	CONNECTOR
529	R630	5232-102316P		IK		-706 CN6	03 4443-067175	CONNECTOR
530	R631	5232-104J16P		IK		771 JL60	01 4242-R0203800	JUMPER LEAD
30	R632	5232-104J16P		100K		733 SW7	4431-S0302102	
519	R633	5232-221J16P		100K		700 0117	4431-30302102	SWITCH, PUSH
519	R634	5232-221J16P		220				Part of the mode
31	R635	5232-222J16P		220		TO PERSONAL PROPERTY.	PCB-12 Q	807 P.C.BOARD
31	R636	5232-222J16P		2.2K				
	1.030 1∆R637	5102-6804715	RES, CBN 1/6P 2	2.2K			CAPACITORS	
36	R638	5171-S010J271	RES, FUSE 68			839 C810	5361-122KB	CAP, CER 200p
33	R639		RES, MTL I 270				TRANSISTORS	
34	R640	5135-123522		12K		834 Q80		XISTOR, NPN R
35	R641	5135-153522		15K				Aloron, Will K
	1041 1∆R642	5176-S010J391	RES, MTL 1/2 39	90		· ·	na je na projekt (p. je	officers of purpose and purpose and the control of
550 Z	R643	5102-1814715	RES, FUSE 180				CHASSIS N	IJSCELLANEOUS
		5232-822J16P		8.2K		Krowenich in a 25		
50	R644	5232-822J16P	RES, CBN 1/6P 8	_	_	052B △CO1	4443-712	CONNECTOR G GB
51	R645	5232-IR0J16P			BK N	685 △FI	5732-402031	FUSE UA BK
51B	R645	5232-100J16P		10		685B △FI	5732-202052	FUSE G GB
51	R646	5232-IR0J16P	RES, CBN 1/6P		BK N	685D △FI	5732-502036	FUSE N
51B	R646	5232-100J16P		10 G	(सः)			
52	R647	5232-121J16P		20		683 △TI	5584-S11	XFORMER, POWER UA BK
52	R648	5232-121J16P		120		683B ∆TI	5584-S12	XFORMER, POWER G GB
53	R649	5232-220J16P		22		683D ∆TI	5584-S13	XFORMER, POWER
53	R650	5232-220J16P		22		684	4472-0131	HOLDER, FUSE
54	R651	5232-560J16P		66 UA	BK N	734 △SW2	4421-0227230	SWITCH, SLIDE
54B	R651	5232-470J16P		47 G	€B			
54	R652	5232-560J16P	RES, CBN 1/6P 5	66 UA		744 ASOI	4474-227	SOCKET UA BK N
54B	R652	5232-470J16P	RES, CBN 1/6P 4	17 G	(E)	745 ∆PI	4442-14	CORD W/PLUG UA BK
55	R653	5232-272J16P	RES, CBN 1/6P 2	2.7K		745B △PI	4161-7256	CORD W/PLUG G GB
5 5	R654	5232-272J16P	RES, CBN 1/6P 2	2.7K		7 4 5D △PI	4161-71133	CORD W/PLUG N
52	R655	5232-121J16P	RES, CBN 1/6P I	20		650 LUG	2 4211-4	LUG
52	R656	5232-121J16P	RES, CBN 1/6P I	20				
56	R657	5232-681J16P	RES, CBN 1/6P 6	088		746	4442-14	PIN PLUG
56	R658	5232-681J16P	RES, CBN 1/6P 6	680		051B ASWI	01 4411-102729	ROTARY SWITCH G GB
57	R659	5232-562J16P	RES, CBN 1/6P 5	5.6K				
57	R660	5232-562J16P	RES, CBN 1/6P 5	5.6K			PACKAGI	PARTS LIST
59	R661	5135-152522	RES, CBN 1/2P 1	.5K		prompt street		的说话,我们是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
55B	R671	5232-102J16P	RES, CBN 1/6P 1	K G	(E)	0218	1756-06303	LABEL G GB
55B	R672	5232-102J16P	RES, CBN 1/6P I	K G	(F)	021D	1756-03113	LABEL N
	0070	5232-102J16P	RES, CBN 1/6P I	K G	(E)	022B	1756-03108	LABEL G GB
55B	R673			K G	(E)	023D	LOAL DD	POLYETHYLENE BAG N
55B 55B	R674	5232-102J16P		7			1241-PB	
				N C		027B	1241-PB 1119-026	
55B	R674	TRANSISTORS	RES, CBN 1/6P I				1119-026	ATTACH SHEET G GB
55B 01	R674 Q601	TRANSISTORS 5613-2320L(F)	RES, CBN 1/6P I			027B 106	1119-026 1111-J90915	ATTACH SHEET G GB OWNER GUIDE
55B 01 01	R674 Q601 Q602	TRANSISTORS 5613-2320L(F) 5613-2320L(F)	RES, CBN I/6P I XISTOR, NPN R XISTOR, NPN R			027B	1119-026 1111-J90915 1111-J30269	OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER GUIDE
558 01 01 04	R674 Q601 Q602 Q603	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F)	RES, CBN I/6P I XISTOR, NPN R XISTOR, NPN R XISTOR, PNP R			027B 106 107 107B		ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE UA GR OWNER GUIDE G GB
55B 01 01 04 04	R674 Q601 Q602 Q603 Q604	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-999L(F)	RES, CBN 1/6P I XISTOR, NPN R XISTOR, NPN R XISTOR, PNP R XISTOR, PNP R	·		027B 106 107 107B 107D	1119-026 1111-J90915 1111-J30269 1111-J30270 1111-J2039	ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER GUIDE
55B OI OI O4 O4 O5	Q601 Q602 Q603 Q604 Q605	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-999L(F) 5611-1115(F)or(E)	RES, CBN 1/6P I XISTOR, NPN R XISTOR, NPN R XISTOR, PNP R XISTOR, PNP R XISTOR, PNP R			027B 106 107 107B 107D	1119-026 1111-J90915 1111-J30269 1111-J30270 1111-J2039 1113-717004	ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE UA BK OWNER GUIDE G GB OWNER GUIDE N OWNER CARD UA BK G
55B 01 01 04 04 05 05	Q601 Q602 Q603 Q604 Q605 Q606	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-999L(F) 5611-1115(F)or(E) 5611-1115(F)or(E)	RES, CBN 1/6P I XISTOR, NPN R XISTOR, NPN R XISTOR, PNP R XISTOR, PNP R XISTOR, PNP R XISTOR, PNP R			027B 106 107 107B 107D 108 108D	1119-026 1111-J90915 1111-J30269 1111-J30270 1111-J2039 1113-717004 1113-0C	ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE UA BK OWNER GUIDE G GB OWNER GUIDE N OWNER CARD UA BK G
55B 01 01 04 04 05 05	Q601 Q602 Q603 Q604 Q605 Q606 Q607	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-999L(F) 5611-1115(F)or(E) 5611-1115(F)or(E) 5613-2603(F)or(E)	RES, CBN 1/6P I XISTOR, NPN R XISTOR, NPN R XISTOR, PNP R XISTOR, NPN R			027B 106 107 107B 107D 108 108D 109	1119-026 1111-J90915 1111-J30269 1111-J30270 1111-J2039 1113-717004 1113-0C 1119-047	ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE UA BK OWNER GUIDE G GB OWNER GUIDE N OWNER CARD UA BK G OWNER CARD N ATTACH SHEET UA BK G
55B 01 04 04 05 05 05 02	Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-1115(F)or(E) 5611-1115(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E)	RES, CBN 1/6P I XISTOR, NPN R XISTOR, PNP R XISTOR, NPN R XISTOR, NPN R			027B 106 107 107B 107D 108 108D 109		ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE UA BK OWNER GUIDE G GB OWNER GUIDE N OWNER CARD UA BK G OWNER CARD N ATTACH SHEET UA BK G ATTACH SHEET N
55B 01 04 04 05 05 05 02 02	R674 Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608 Q609	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-1115(F)or(E) 5611-1115(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E)	RES, CBN 1/6P I XISTOR, NPN R XISTOR, PNP R XISTOR, NPN R XISTOR, NPN R XISTOR, NPN R			027B 106 107 107B 107D 108 108D 109 109D		ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE UA BK OWNER GUIDE G GB OWNER GUIDE N OWNER CARD UA BK G OWNER CARD N ATTACH SHEET UA BK G ATTACH SHEET
55B 01 04 04 05 05 02 02 02	R674 Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608 Q609 Q610	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-1115(F)or(E) 5611-1115(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E)	RES, CBN 1/6P I XISTOR, NPN R XISTOR, PNP R XISTOR, NPN R			027B 106 107 107B 107D 108 108D 109 109D 110	1119-026 1111-J90915 1111-J30269 1111-J30270 1111-J2039 1113-717004 1113-0C 1119-047 1119-GC 1119-0137 1241-C12732	ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE UA BK OWNER GUIDE G GB OWNER GUIDE N OWNER CARD UA BK G OWNER CARD N ATTACH SHEET UA BK G ATTACH SHEET ATTACH SHEET POLYETHYLENE BAG
558 01 01 04 05 05 02 02 02 02	R674 Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608 Q609 Q610 Q611	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-1115(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E)	RES, CBN 1/6P I XISTOR, NPN R XISTOR, PNP R XISTOR, NPN R			027B 106 107 107B 107D 108 108D 109D 110 121	1119-026 1111-J90915 1111-J30269 1111-J30270 1111-J2039 1113-7004 1113-0C 1119-047 1119-GC 1119-0137 1241-C12732 1241-C1491	ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER CARD OWNER CARD ATTACH SHEET ATTACH SHEET POLYETHYLENE BAG POLYETHYLENE BAG
558 01 04 04 05 05 02 02 02 02 02	R674 Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608 Q609 Q610 Q611 Q612	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-1115(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E)	RES, CBN 1/6P I XISTOR, NPN R XISTOR, PNP R XISTOR, NPN R			027B 106 107 107B 107D 108 108D 109D 110 121 122	1119-026 1111-J30269 1111-J30270 1111-J2039 1113-717004 1113-0C 1119-047 1119-GC 1119-0137 1241-C12732 1241-C1491 1221-867144	ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER CARD OWNER CARD ATTACH SHEET ATTACH SHEET POLYETHYLENE BAG POLYETHYLENE BAG CARTON BOX
555B D1 D1 D2 D2 D2 D2 D2 D2 D2 D2 D2 D3	Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608 Q609 Q610 Q611 Q612 Q613	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-1115(F)or(E) 5611-1115(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E)	RES, CBN 1/6P I XISTOR, NPN R XISTOR, PNP R XISTOR, NPN R			027B 106 107 107B 107D 108 108D 109 110 121 122 124	1119-026 1111-J30269 1111-J30270 1111-J2039 1113-717004 1113-0C 1119-047 1119-GC 1119-0137 1241-C12732 1241-C1491 1221-867144 1222-7216	ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE UA BK OWNER GUIDE G GB OWNER CARD UA BK G OWNER CARD UA BK G OWNER CARD ATTACH SHEET UA BK G ATTACH SHEET POLYETHYLENE BAG POLYETHYLENE BAG CARTON BOX CUSHION
DI D	Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608 Q609 Q610 Q611 Q612 Q613 Q614	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-1115(F)or(E) 5611-1115(F)or(E) 5613-2603(F)or(E)	RES, CBN 1/6P I XISTOR, NPN R XISTOR, PNP R XISTOR, NPN R			027B 106 107 107B 107D 108 108D 109D 110 121 122	1119-026 1111-J30269 1111-J30270 1111-J2039 1113-717004 1113-0C 1119-047 1119-GC 1119-0137 1241-C12732 1241-C1491 1221-867144	ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER CARD OWNER CARD ATTACH SHEET ATTACH SHEET POLYETHYLENE BAG POLYETHYLENE BAG CARTON BOX
555B DI DI 004 004 005 002 002 002 002 002 003 006 006	R674 Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608 Q609 Q611 Q612 Q613 Q614 Q615	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-1115(F)or(E) 5611-1115(F)or(E) 5613-2603(F)or(E)	RES, CBN 1/6P I XISTOR, NPN R XISTOR, PNP R XISTOR, NPN R			027B 106 107 107B 107D 108 108D 109 109D 110 121 122 124 125 127	1119-026 1111-J30269 1111-J30270 1111-J2039 1113-717004 1113-0C 1119-047 1119-GC 1119-0137 1241-C12732 1241-C12732 1241-C1491 1221-867144 1222-7216 1223-11729	ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE UA BK OWNER GUIDE OWNER GUIDE OWNER CARD N OWNER CARD N ATTACH SHEET N ATTACH SHEET N ATTACH SHEET POLYETHYLENE BAG POLYETHYLENE BAG CARTON BOX CUSHION SOFT SHEET
5558 D1 D1 D4 D4 D5 D2 D2 D2 D2 D2 D2 D2 D2 D3 D4	R674 Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608 Q609 Q610 Q612 Q613 Q614 Q615 Q616	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-999L(F) 5611-1115(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-26503(F)or(E) 5613-26503(F)or(E) 5613-26503(F)or(E) 5613-2855(E)	RES, CBN 1/6P I XISTOR, NPN R XISTOR, PNP R XISTOR, NPN R			027B 106 107 107B 107D 108 108D 109 109D 110 121 122 124 125 127		ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER CARD OWNER CARD ATTACH SHEET ATTACH SHEET POLYETHYLENE BAG POLYETHYLENE BAG CARTON BOX CUSHION SOFT SHEET
5558 01 01 00 00 00 00 00 00 00 00	R674 Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608 Q609 Q610 Q612 Q613 Q614 Q615 Q616 Q617	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-999L(F) 5611-1115(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-3422(Y)or(O) 5611-1359(Y)or(O) 5613-2855(E) 5613-2855(E)	RES, CBN 1/6P I XISTOR, NPN R XISTOR, PNP R XISTOR, PNP R XISTOR, PNP R XISTOR, PNP R XISTOR, NPN R			027B 106 107 107B 107D 108 108D 109D 110 121 122 124 125 127 ABBREVIAT CAPACITORS		ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE UA BK OWNER GUIDE OWNER GUIDE OWNER CARD N OWNER CARD N ATTACH SHEET N ATTACH SHEET N ATTACH SHEET POLYETHYLENE BAG POLYETHYLENE BAG CARTON BOX CUSHION SOFT SHEET
5558 D I I I I I I I I I I I I I I I I I I I	R674 Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608 Q609 Q610 Q612 Q613 Q614 Q615 Q616 Q617 Q618	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-999L(F) 5611-1115(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-3422(Y)or(O) 5611-1359(Y)or(O) 5613-2855(E) 5613-2855(E) 5613-2855(E)	RES, CBN 1/6P I XISTOR, NPN R XISTOR, PNP R XISTOR, NPN R			027B 106 107 107B 107D 108 108D 109D 110 121 122 124 125 127 ABBREVIAT CAPACITORS	1119-026 1111-J90915 1111-J30269 1111-J30270 1111-J2039 1113-717004 1113-0C 1119-047 1119-GC 1119-0137 1241-C12732 1241-C12732 1241-C1491 1221-867144 1222-7216 1223-11729	ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER CARD OWNER CARD ATTACH SHEET ATTACH SHEET POLYETHYLENE BAG POLYETHYLENE BAG CARTON BOX CUSHION SOFT SHEET ST RESISTORS
5558 D I I I I I I I I I I I I I I I I I I I	R674 Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608 Q609 Q610 Q612 Q613 Q614 Q615 Q616 Q617	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-999L(F) 5611-1115(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-3422(Y)or(O) 5611-1359(Y)or(O) 5613-2855(E) 5613-2855(E)	RES, CBN 1/6P I XISTOR, NPN R XISTOR, PNP R XISTOR, PNP R XISTOR, PNP R XISTOR, PNP R XISTOR, NPN R			027B 106 107 107B 107D 108 108D 109 110 121 122 124 125 127 ABBREVIAT CAPACITORS CAP, MINI EL		ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE UA BK OWNER GUIDE G GB OWNER GUIDE N OWNER CARD UA BK G OWNER CARD N ATTACH SHEET N ATTACH SHEET POLYETHYLENE BAG POLYETHYLENE BAG CARTON BOX CUSHION SOFT SHEET RESISTORS RES, CBN 1/6P : Carbon 1/6W
5558 01 01 004 004 005 505 502 202 202 202 202 202	R674 Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608 Q609 Q610 Q612 Q613 Q614 Q615 Q616 Q617 Q618	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-999L(F) 5611-1115(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-3422(Y)or(O) 5611-1359(Y)or(O) 5613-2855(E) 5613-2855(E) 5613-2855(E)	RES, CBN 1/6P I XISTOR, NPN R XISTOR, PNP R XISTOR, PNP R XISTOR, PNP R XISTOR, PNP R XISTOR, NPN R			027B 106 107 107B 107D 108 108D 109 110 121 122 124 125 127 ABBREVIAT CAPACITORS CAP, MINI EL CAP, CER		ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE UA BK OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER CARD WA BK G OWNER CARD WA BK G ATTACH SHEET WA BK G ATTACH SHEET ATTACH SHEET POLYETHYLENE BAG POLYETHYLENE BAG CARTON BOX CUSHION SOFT SHEET ST RESISTORS RES, CBN 1/6P: Carbon 1/6W RES, FUSE : Fuse
5558 01 00 00 00 00 00 00 00 00 00	R674 Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608 Q609 Q610 Q612 Q613 Q614 Q615 Q616 Q617 Q618	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-999L(F) 5611-1115(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2855(E) 5613-2855(E) 5613-2855(E) 5613-2855(E) 5613-2855(E) 5613-2603(F)or(E)	RES, CBN 1/6P I XISTOR, NPN R XISTOR, PNP R XISTOR, PNP R XISTOR, PNP R XISTOR, PNP R XISTOR, NPN R			027B 106 107 107B 107D 108 108D 109D 110 121 122 124 125 127 ABBREVIAT CAPACITORS CAP, MINI EL CAP, CER CAP, MCA		ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE G GB OWNER GUIDE N OWNER CARD N OWNER CARD N ATTACH SHEET N ATTACH SHEET N ATTACH SHEET POLYETHYLENE BAG CARTON BOX CUSHION SOFT SHEET RESISTORS RES, CBN 1/6P: Carbon 1/6W RES, FUSE : Fuse RES, CEM 5P : Cement 5W
5558 01 04 04 05 05 05 06 06 07 08 08 09 09 09 09 09 09 09 09 09 09	R674 Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608 Q609 Q610 Q612 Q613 Q614 Q615 Q616 Q617 Q618 Q619 D601	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-999L(F) 5611-1115(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-3422(Y)or(O) 5611-1359(Y)or(O) 5613-2855(E) 5613-2855(E) 5613-2855(E) 5613-2855(E) 5613-2603(F)or(E) 5613-2855(E) 5613-2603(F)or(E) 5613-2855(E)	RES, CBN 1/6P I XISTOR, NPN R XISTOR, PNP R XISTOR, PNP R XISTOR, PNP R XISTOR, PNP R XISTOR, NPN R			027B 106 107 107B 107D 108 108D 109D 110 121 122 124 125 127 ABBREVIAT CAPACITORS CAP, MINI EL CAP, CER CAP, MCA CAP, MINI BP		ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE UA BK OWNER GUIDE G GB OWNER GUIDE N OWNER CARD UA BK G G OWNER CARD N ATTACH SHEET N ATTACH SHEET POLYETHYLENE BAG POLYETHYLENE BAG CARTON BOX CUSHION SOFT SHEET ST RESISTORS RES, CBN 1/6P: Carbon 1/6W RES, FUSE : Fuse RES, CEM 5P: Cement 5W RES, MTL IP: Metal IW 2.2K: 2.2kΩ 220: 220Ω
5558 01 01 04 04 05 05 05 02 02 02 02 02 02 02 02 04 04 05 05 05 06 07 07 07 07 07 07 07 07 07 07	R674 Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608 Q609 Q610 Q612 Q613 Q614 Q615 Q616 Q617 Q618 Q619 D601 D602	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-999L(F) 5611-1115(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-3422(Y)or(O) 5611-1359(Y)or(O) 5613-2855(E)	RES, CBN 1/6P I XISTOR, NPN R XISTOR, PNP R XISTOR, PNP R XISTOR, PNP R XISTOR, PNP R XISTOR, NPN R			027B 106 107 107B 107D 108 108D 109 110 121 122 124 125 127 ABBREVIAT CAPACITORS CAP, MINI EL CAP, CER CAP, PPP CAP, MYL CAP, CER, MINI BP CAP, ELE BP		ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE UA BK OWNER GUIDE G GB OWNER GUIDE N OWNER CARD UA BK G G OWNER CARD N ATTACH SHEET N ATTACH SHEET POLYETHYLENE BAG POLYETHYLENE BAG CARTON BOX CUSHION SOFT SHEET ST RESISTORS RES, CBN 1/6P: Carbon 1/6W RES, FUSE : Fuse RES, CEM 5P: Cement 5W RES, MTL IP: Metal IW 2.2K: 2.2kΩ 220: 220Ω
5558 01 01 04 04 05 05 05 02 02 02 02 02 02 02 02 04 04 05 05 05 06 07 07 07 07 07 07 07 07 07 07	R674 Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608 Q609 Q610 Q612 Q613 Q614 Q615 Q616 Q617 Q618 Q619 D601	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-999L(F) 5611-1115(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2855(E) 5613-2855(E) 5613-2855(E) 5613-2855(E) 5613-2855(E) 5613-2855(E) 5613-2855(E) 5613-2855(E) 5613-2603(F)or(E) DIODES 5635-HZ15-2L 5635-HZ15-2L 5635-HZ15-2L	RES, CBN 1/6P I XISTOR, NPN R XISTOR, PNP R XISTOR, PNP R XISTOR, PNP R XISTOR, PNP R XISTOR, NPN R			027B 106 107 107B 107D 108 108D 109 110 121 122 124 125 127 ABBREVIAT CAPACITORS CAP, MINI EL CAP, CER CAP, PPP CAP, MCA CAP, MCA CAP, MCA CAP, GLE BP CAP, STY		ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE UA BK OWNER GUIDE G GB OWNER GUIDE N OWNER CARD UA BK G G OWNER CARD N ATTACH SHEET N ATTACH SHEET POLYETHYLENE BAG POLYETHYLENE BAG CARTON BOX CUSHION SOFT SHEET ST RESISTORS RES, CBN 1/6P: Carbon 1/6W RES, FUSE : Fuse RES, CEM 5P: Cement 5W RES, MTL IP: Metal IW 2.2K: 2.2kΩ 220: 220Ω
5558 01 01 04 04 05 05 05 02 02 02 02 02 02 02 02 03 06 14 14 13 13 14 14	R674 Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608 Q609 Q610 Q612 Q613 Q614 Q615 Q616 Q617 Q618 Q619 D601 D602 D603	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-999L(F) 5611-1115(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-3422(Y)or(O) 5611-1359(Y)or(O) 5613-2855(E) 5613-2855(E) 5613-2855(E) 5613-2603(F)or(E) 5613-2855(E)	RES, CBN 1/6P I XISTOR, NPN R XISTOR, PNP R XISTOR, PNP R XISTOR, PNP R XISTOR, PNP R XISTOR, NPN R			027B 106 107 107B 107D 108 108D 109 109D 1110 121 122 124 125 127 ABBREVIAT CAPACITORS CAP, MINI EL CAP, CER CAP, MYL CAP, MCA CAP, MCA CAP, MCA CAP, STY CAP, SPE		ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE G GB OWNER GUIDE N OWNER GUIDE N OWNER CARD N ATTACH SHEET ST RESISTORS RES, CBN 1/6P: Carbon 1/6W RES, FUSE : Fuse RES, CEM 5P: Cement 5W RES, MTL IP : Metal IW 2.2K: 2.2k\Omega 220: 220\Omega TRANSISTORS XISTOR : Transistor FET : Field Effect Transistor
555B 01 001 004 004 005 002 002 002 002 002 002 004 006 006 007 007 007 007 007 007 007 007	R674 Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608 Q609 Q610 Q611 Q612 Q613 Q614 Q615 Q616 Q617 Q618 Q619 D601 D602 D603	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-999L(F) 5611-1115(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2855(E)	RES, CBN I/6P I XISTOR, NPN R XISTOR, PNP R XISTOR, NPN R	•		027B 106 107 107B 107D 108 108D 109D 110 121 122 124 125 127 ABBREVIAT CAPACITORS CAP, MINI EL CAP, CER CAP, MYL CAP, MYL CAP, MYL CAP, MINI BP CAP, SPE CAP, TAN		ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER CARD OWNER CARD ATTACH SHEET ATTACH SHEET POLYETHYLENE BAG POLYETHYLENE BAG CARTON BOX CUSHION SOFT SHEET TRESISTORS RES, CBN 1/6P: Carbon 1/6W RES, FUSE: Fuse RES, CEM 5P: Cement 5W RES, MTL IP: Metal IW 2.2K: 2.2k\O 220: 220\O TRANSISTORS XISTOR: Transistor FET: Field Effect Transistor CONTROLS
555B 01 01 04 04 05 05 002 002 002 002 002 002 002 002 0	R674 Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608 Q609 Q610 Q611 Q612 Q613 Q614 Q615 Q616 Q617 Q618 Q619 D601 D602 D603	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-999L(F) 5611-1115(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2855(E) 5613-2603(F)or(E) DIODES 5635-HZ15-2L 5635-HZ15-2L 5635-HZ15-2L 5635-HZ15-2L 5635-HZ15-2L 5635-HZ15-2L 5635-HZ15-2L 5635-HZ15-2L	RES, CBN 1/6P I XISTOR, NPN R XISTOR, PNP R XISTOR, NPN R			027B 106 107 107B 107D 108 108D 109D 110 121 122 124 125 127 ABBREVIAT CAPACITORS CAP, MINI EL CAP, CER CAP, MCA CAP, MINI BP CAP, ELE BP CAP, STY CAP, TAN 470,		ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER CARD OWNER CARD ATTACH SHEET ATTACH SHEET ATTACH SHEET POLYETHYLENE BAG POLYETHYLENE BAG CARTON BOX CUSHION SOFT SHEET ST RESISTORS RES, CBM 1/6P: Carbon 1/6W RES, FUSE: Fuse RES, CBM 5P: Cement 5W RES, FUSE: Fuse RES, CEM 5P: Cement 5W RES, MTL IP: Metal IW 2.2K: 2.2k\O 220: 220\O TRANSISTORS XISTOR: Transistor FET: Field Effect Transistor CONTROLS RES, V CBN: Variable Carbon Resistor
555B 01 01 04 04 05 002 002 002 002 002 002 002 003 06 42 42 42 43 007 007 44	R674 Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608 Q609 Q610 Q611 Q612 Q613 Q614 Q615 Q616 Q617 Q618 Q619 D601 D602 D603	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-999L(F) 5611-1115(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2855(E)	RES, CBN 1/6P I XISTOR, NPN R XISTOR, PNP R XISTOR, NPN R			027B 106 107 107B 107D 108 108D 109D 110 121 122 124 125 127 ABBREVIAT CAPACITORS CAP, MINI EL CAP, CER CAP, MEN CAP, ELE BP CAP, STY CAP, SPE CAP, TAN 470, 6800	1119-026	ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER CARD OWNER CARD ATTACH SHEET ATTACH SHEET POLYETHYLENE BAG POLYETHYLENE BAG CARTON BOX CUSHION SOFT SHEET TRESISTORS RES, CBN 1/6P: Carbon 1/6W RES, FUSE : Fuse RES, CEM 5P: Cement 5W RES, MTL IP: Metal IW 2.2K: 2.2k\O 220: 220\O TRANSISTORS XISTOR : Transistor FET : Field Effect Transistor CONTROLS
558 558 558 558 569 569 569 569 569 569 569 569	R674 Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608 Q609 Q610 Q611 Q612 Q613 Q614 Q615 Q616 Q617 Q618 Q619 D601 D602 D603	TRANSISTORS 5613-2320L(F) 5613-2320L(F) 5611-999L(F) 5611-999L(F) 5611-1115(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2603(F)or(E) 5613-2855(E) 5613-2603(F)or(E) DIODES 5635-HZ15-2L 5635-HZ15-2L 5635-HZ15-2L 5635-HZ15-2L 5635-HZ15-2L 5635-HZ15-2L 5635-HZ15-2L 5635-HZ15-2L	RES, CBN 1/6P I XISTOR, NPN R XISTOR, PNP R XISTOR, NPN R			027B 106 107 107B 107D 108 108D 109D 110 121 122 124 125 127 ABBREVIAT CAPACITORS CAP, MINI EL CAP, CER CAP, MEN CAP, ELE BP CAP, STY CAP, SPE CAP, TAN 470, 6800		ATTACH SHEET G GB OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER GUIDE OWNER CARD OWNER CARD ATTACH SHEET ATTACH SHEET ATTACH SHEET POLYETHYLENE BAG POLYETHYLENE BAG CARTON BOX CUSHION SOFT SHEET ST RESISTORS RES, CBM 1/6P: Carbon 1/6W RES, FUSE: Fuse RES, CBM 5P: Cement 5W RES, FUSE: Fuse RES, CEM 5P: Cement 5W RES, MTL IP: Metal IW 2.2K: 2.2k\O 220: 220\O TRANSISTORS XISTOR: Transistor FET: Field Effect Transistor CONTROLS RES, V CBN: Variable Carbon Resistor



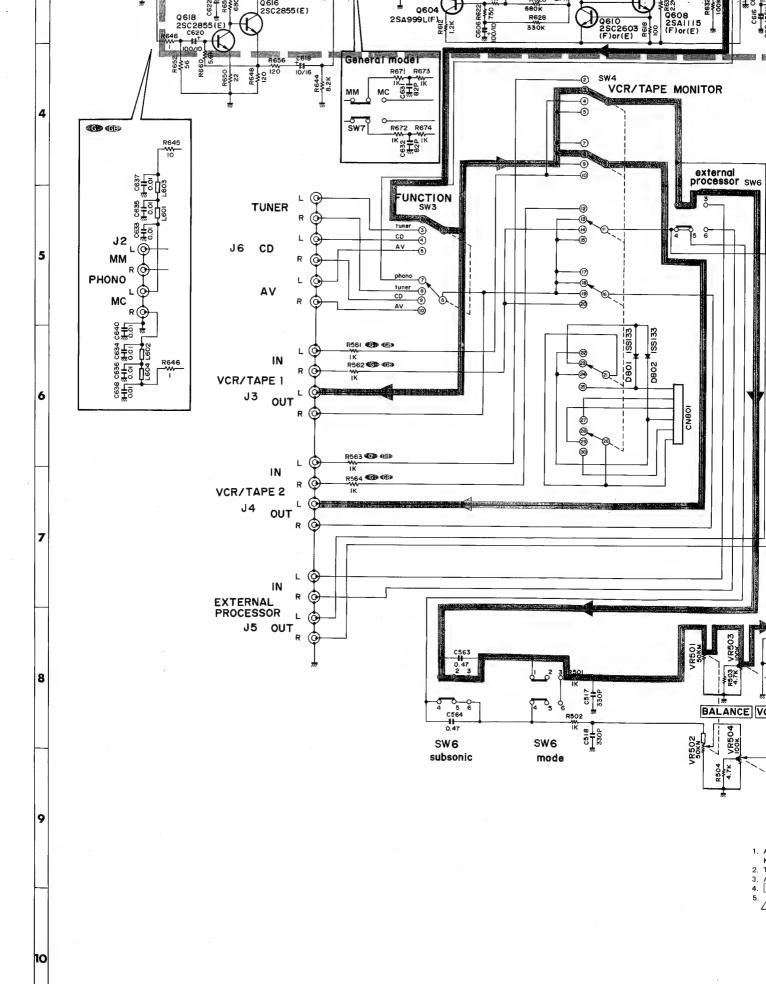


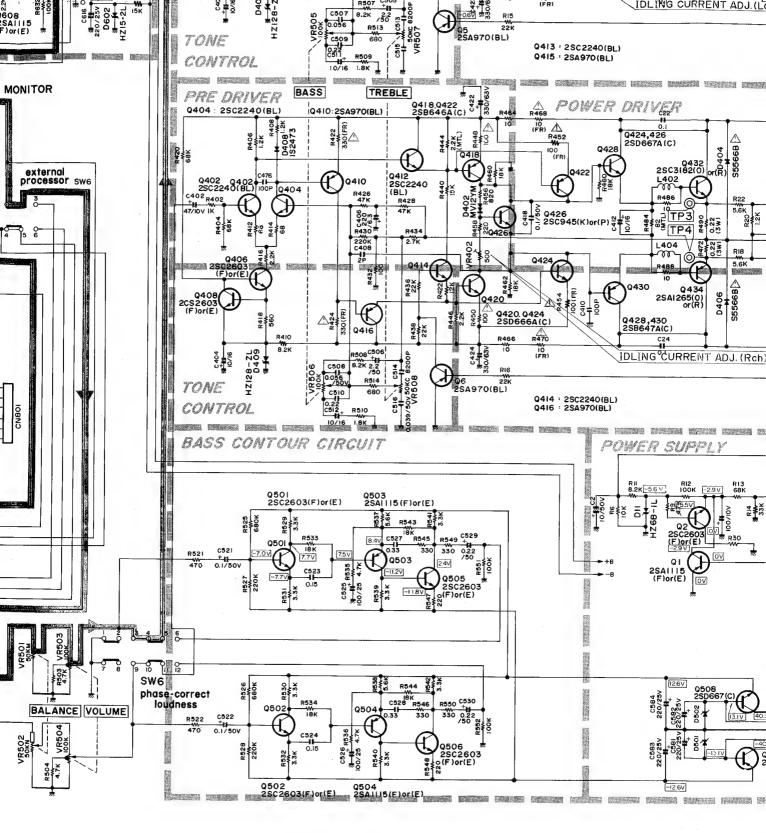




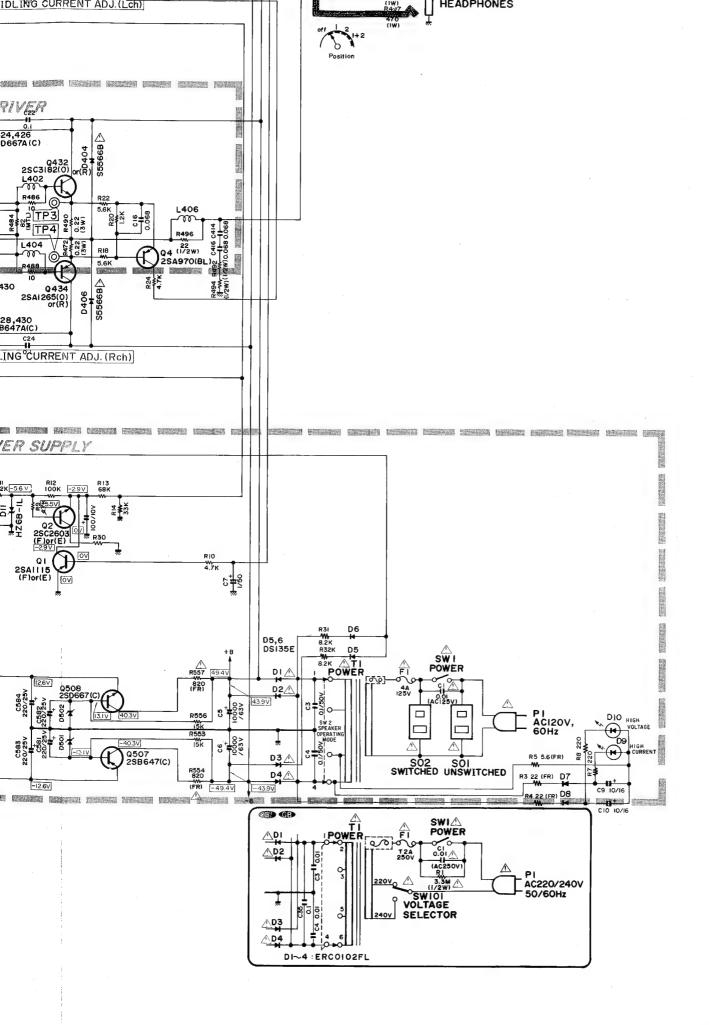


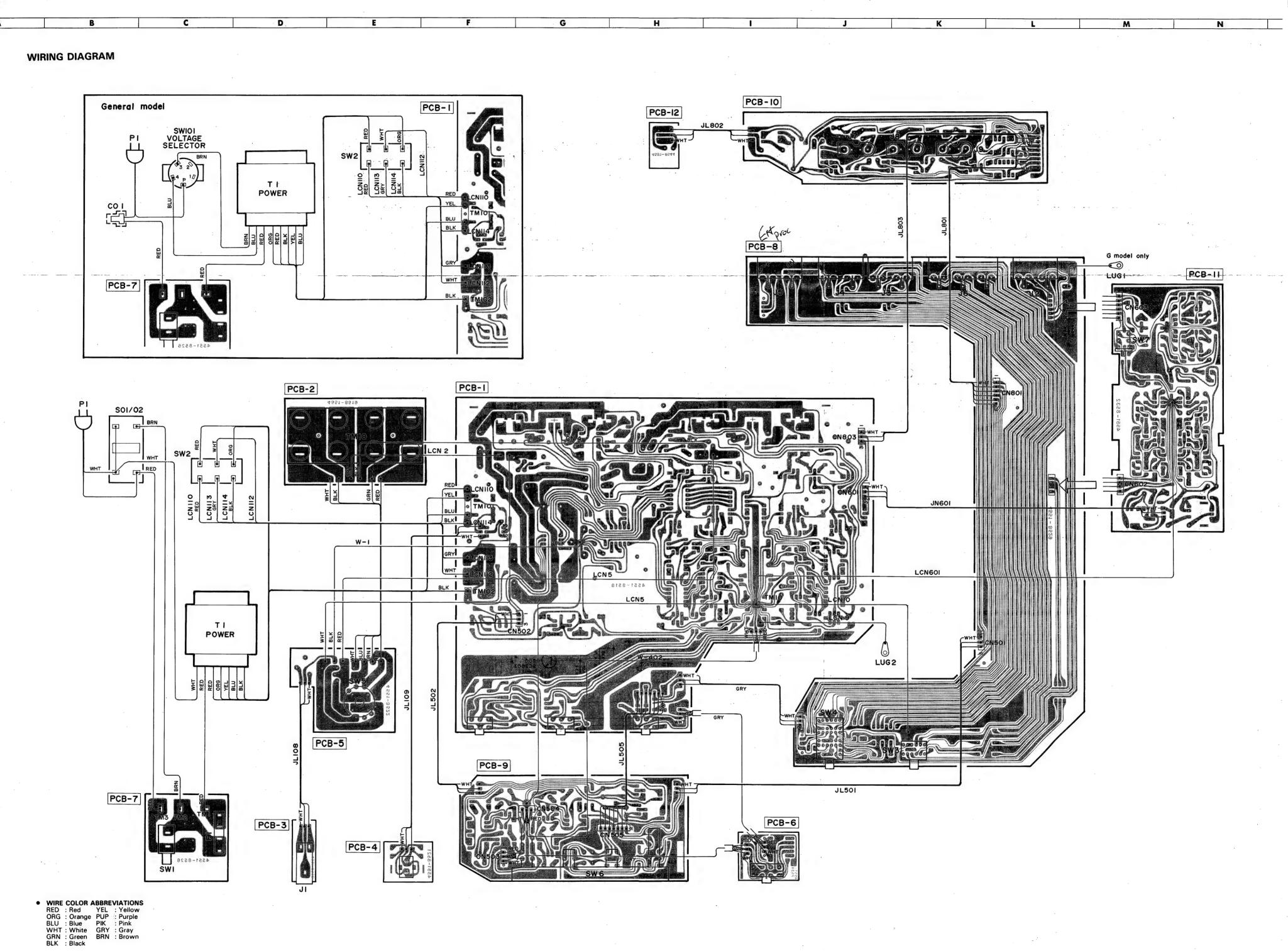
POWER SUPPLY

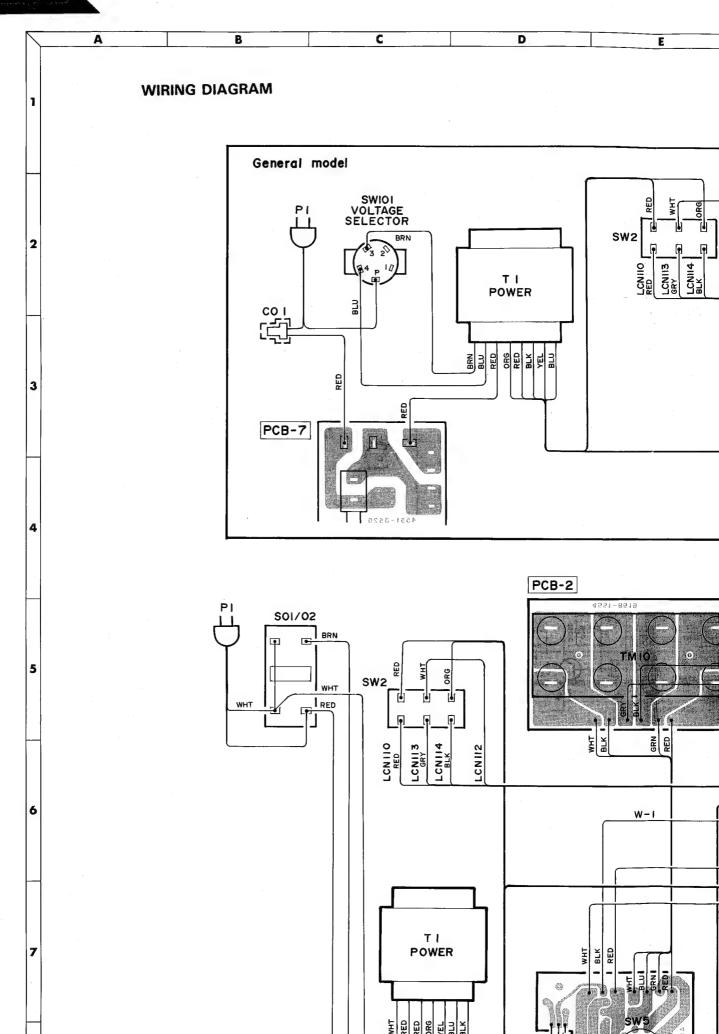


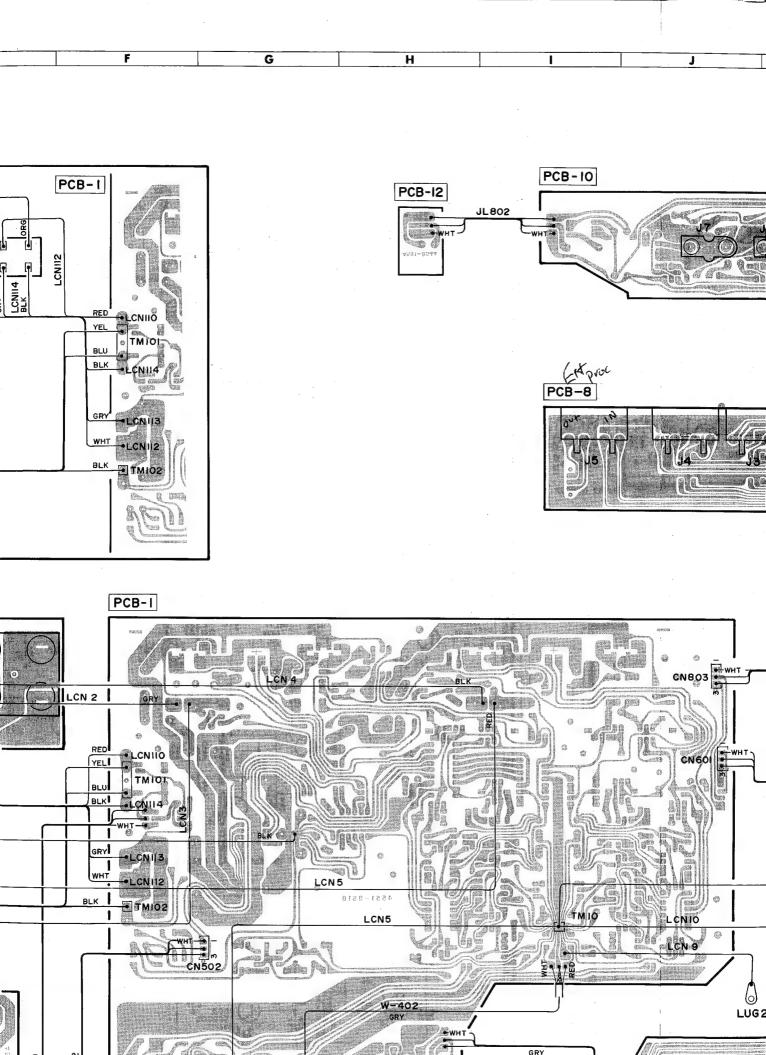


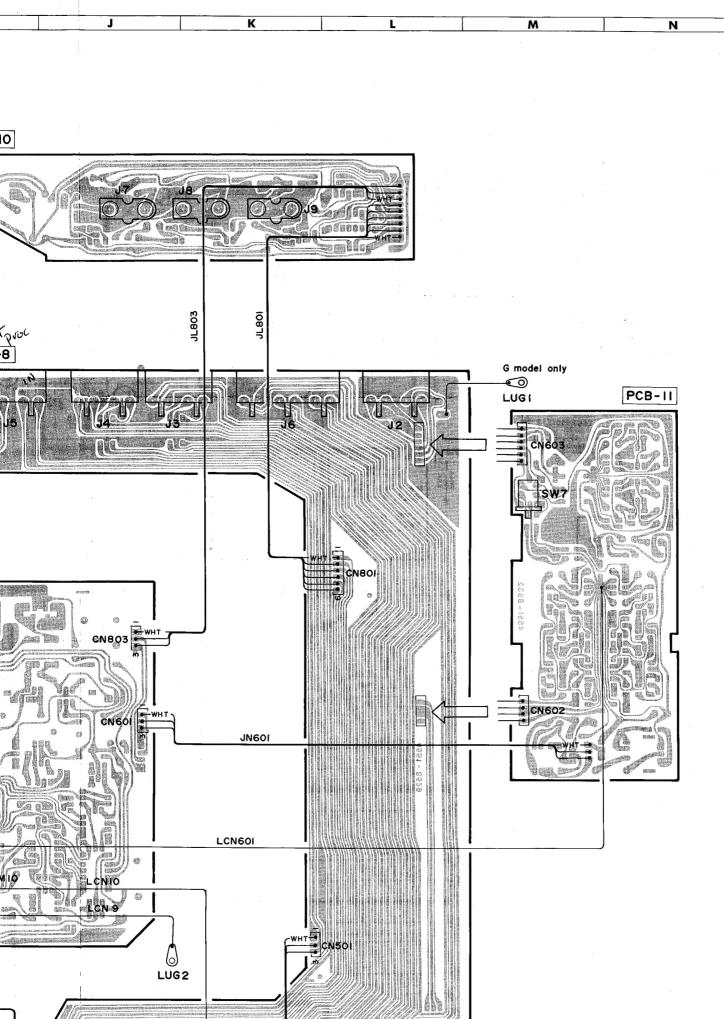
- 1. ALL RESISTANCES VALUES ARE IN Ω .
- $K\Omega$ =1000 Ω , $M\Omega$ =1000 $K\Omega$.
 THE WATTAGE OF RESISTORS IS 1/4W UNLESS OTHERWISE NOTED
- ALL CAPACITANCES VALUES ARE IN #F UNLESS OTHERWISE NOTED. P=##F
- 4. ... V : DC VOLTAGE AT NO SIGNAL
- SAFETY-REQUIREMENTS COMPONENTS IN ACCORDANCE WITH PRESENT SAFETY REGULATIONS, THESE COMPONENTS MUST ONLY BE REPLACED BY ORIGINAL PARTS.

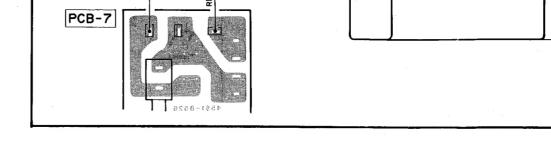


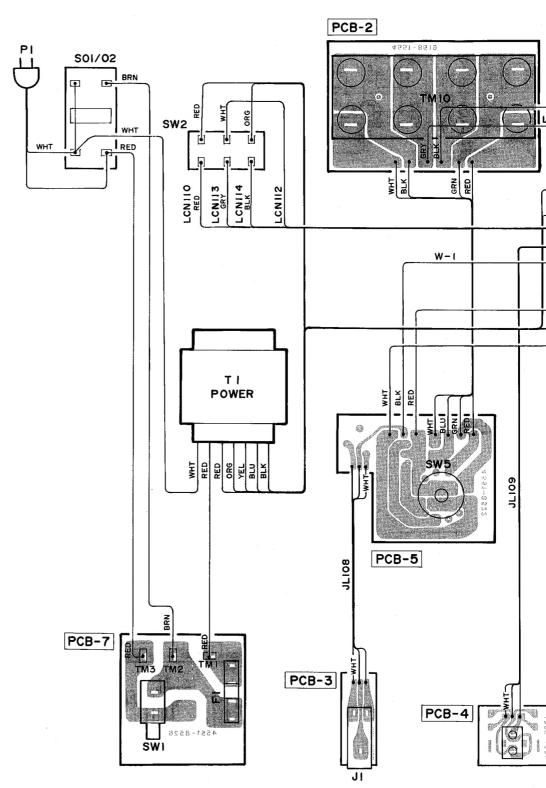












WIRE COLOR ABBREVIATIONS
RED : Red YEL : Yellow
ORG : Orange PUP : Purple
BLU : Blue PIK : Pink
WHT : White GRY : Gray
GRN : Green BRN : Brown
BLK : Black

